

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081676.D
 Acq On : 08 Apr 2024 16:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 01:56:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/09/2024
 Supervised By : Semsettin Yesilyurt 04/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	368550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	654526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	591697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	218322	46.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.900%		
35) Dibromofluoromethane	8.165	113	200895	48.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	10.565	98	703166	47.091	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.847	95	269535	51.228	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	102.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	263125	53.022	ug/l	98
3) Chloromethane	2.360	50	248533	50.301	ug/l	96
4) Vinyl Chloride	2.512	62	253682	45.749	ug/l	96
5) Bromomethane	2.948	94	176746	45.071	ug/l	87
6) Chloroethane	3.118	64	177729	46.682	ug/l	100
7) Trichlorofluoromethane	3.501	101	458177	55.442	ug/l	92
8) Diethyl Ether	3.959	74	147131	53.797	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	261377	55.664	ug/l	90
10) Methyl Iodide	4.589	142	303077	64.813	ug/l	99
11) Tert butyl alcohol	5.512	59	204795	250.037	ug/l	100
12) 1,1-Dichloroethene	4.342	96	242629	55.783	ug/l	84
13) Acrolein	4.177	56	153132	208.354	ug/l	99
14) Allyl chloride	5.024	41	295758	54.266	ug/l #	87
15) Acrylonitrile	5.712	53	499152	227.800	ug/l	97
16) Acetone	4.424	43	334852	220.453	ug/l	100
17) Carbon Disulfide	4.712	76	669274	53.621	ug/l	96
18) Methyl Acetate	5.018	43	196933	42.054	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	749446	55.057	ug/l	95
20) Methylene Chloride	5.277	84	272405	54.749	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	260804	53.778	ug/l	87
22) Diisopropyl ether	6.671	45	696139	54.971	ug/l #	89
23) Vinyl Acetate	6.600	43	2696435	267.504	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	447102	52.713	ug/l #	93
25) 2-Butanone	7.483	43	564706	216.755	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	427959	58.174	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	320660	58.439	ug/l	80
28) Bromochloromethane	7.812	49	153953	44.563	ug/l #	45
29) Tetrahydrofuran	7.836	42	398558	227.088	ug/l #	75
30) Chloroform	7.965	83	503652	55.468	ug/l	97
31) Cyclohexane	8.259	56	397231	51.938	ug/l #	68
32) 1,1,1-Trichloroethane	8.171	97	461206	55.985	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	346831	49.893	ug/l	95
37) Ethyl Acetate	7.559	43	259378	43.574	ug/l #	94
38) Carbon Tetrachloride	8.365	117	419194	55.048	ug/l	97
39) Methylcyclohexane	9.600	83	450926	58.086	ug/l	84
40) Benzene	8.606	78	1089737	53.620	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081676.D
 Acq On : 08 Apr 2024 16:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/09/2024
 Supervised By : Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 09 01:56:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	135049	42.900	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	339307	47.441	ug/l	96
43) Isopropyl Acetate	8.688	43	509201	51.606	ug/l #	94
44) Trichloroethene	9.353	130	287173	50.241	ug/l	94
45) 1,2-Dichloropropane	9.624	63	243967	49.532	ug/l	100
46) Dibromomethane	9.712	93	192269	51.402	ug/l #	88
47) Bromodichloromethane	9.888	83	398422	54.480	ug/l #	98
48) Methyl methacrylate	9.683	41	207231	45.535	ug/l #	81
49) 1,4-Dioxane	9.694	88	92221	843.206	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1334890	221.713	ug/l	90
52) Toluene	10.630	92	722751	55.952	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	407626	51.618	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	433421	51.191	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	260294	50.071	ug/l	93
56) Ethyl methacrylate	10.877	69	385979	49.890	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	430424	50.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	885531	270.720	ug/l #	83
59) 2-Hexanone	11.194	43	973860	218.775	ug/l	88
60) Dibromochloromethane	11.359	129	319855	55.947	ug/l	99
61) 1,2-Dibromoethane	11.471	107	267339	50.442	ug/l	97
64) Tetrachloroethene	11.106	164	320367	56.643	ug/l	94
65) Chlorobenzene	11.894	112	793107	56.700	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	277333	53.495	ug/l	98
67) Ethyl Benzene	11.965	91	1380196	56.804	ug/l	96
68) m/p-Xylenes	12.071	106	1073929	117.900	ug/l	93
69) o-Xylene	12.400	106	514521	57.538	ug/l	92
70) Styrene	12.412	104	885745	61.415	ug/l	94
71) Bromoform	12.582	173	200980	51.590	ug/l #	94
73) Isopropylbenzene	12.694	105	1341901	54.649	ug/l	97
74) N-amyl acetate	12.494	43	427382	48.095	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	298272	41.314	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	287557m	41.731	ug/l	
77) Bromobenzene	12.982	156	319123	52.610	ug/l	66
78) n-propylbenzene	13.035	91	1571556	54.195	ug/l	94
79) 2-Chlorotoluene	13.129	91	919205	52.962	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	1120439	55.245	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	126006	49.416	ug/l #	90
82) 4-Chlorotoluene	13.224	91	918008	53.649	ug/l	92
83) tert-Butylbenzene	13.441	119	982621	56.184	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1146176	56.229	ug/l	93
85) sec-Butylbenzene	13.618	105	1387508	55.497	ug/l	92
86) p-Isopropyltoluene	13.729	119	1189567	58.205	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	600271	53.862	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	594981	51.559	ug/l	96
89) n-Butylbenzene	14.059	91	1014275	55.968	ug/l	97
90) Hexachloroethane	14.335	117	210754	54.451	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	560134	52.219	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63228	41.152	ug/l	69
93) 1,2,4-Trichlorobenzene	15.394	180	330610	53.305	ug/l	98
94) Hexachlorobutadiene	15.506	225	128571	47.246	ug/l	96
95) Naphthalene	15.641	128	1031867	51.344	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	327255	52.456	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
Data File : VN081676.D
Acq On : 08 Apr 2024 16:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 09 01:56:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
Data File : VN081676.D
Acq On : 08 Apr 2024 16:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 09 01:56:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

