

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082198.D
 Acq On : 17 May 2024 22:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2024
 Supervised By : Mahesh Dadoda 05/20/2024

Quant Time: May 18 00:14:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158766	50.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	8.165	113	110802	51.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	10.571	98	422875	51.555	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.847	95	151483	51.743	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	131841	45.601	ug/l	99
3) Chloromethane	2.359	50	147265	44.944	ug/l	98
4) Vinyl Chloride	2.518	62	142522	46.268	ug/l	97
5) Bromomethane	2.954	94	70378	39.749	ug/l	99
6) Chloroethane	3.118	64	92765	46.121	ug/l	97
7) Trichlorofluoromethane	3.501	101	194097	48.120	ug/l	98
8) Diethyl Ether	3.959	74	70348	48.957	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	107972	45.823	ug/l	99
10) Methyl Iodide	4.589	142	107751	45.489	ug/l	97
11) Tert butyl alcohol	5.518	59	114985	226.219	ug/l	98
12) 1,1-Dichloroethene	4.342	96	104569	47.747	ug/l #	75
13) Acrolein	4.177	56	68880	182.869	ug/l	98
14) Allyl chloride	5.024	41	209499	44.680	ug/l #	91
15) Acrylonitrile	5.718	53	315913	239.980	ug/l	100
16) Acetone	4.424	43	286095	220.251	ug/l	91
17) Carbon Disulfide	4.712	76	307075	43.412	ug/l	99
18) Methyl Acetate	5.024	43	154204	47.669	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	387922	48.459	ug/l	96
20) Methylene Chloride	5.277	84	123082	46.964	ug/l #	72
21) trans-1,2-Dichloroethene	5.783	96	111489	46.714	ug/l #	78
22) Diisopropyl ether	6.671	45	480406	49.065	ug/l #	92
23) Vinyl Acetate	6.600	43	1882475	243.857	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	244256	48.400	ug/l	95
25) 2-Butanone	7.483	43	463976	235.591	ug/l #	81
26) 2,2-Dichloropropane	7.489	77	168715	39.913	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	135479	48.100	ug/l	81
28) Bromochloromethane	7.812	49	102149	46.418	ug/l #	74
29) Tetrahydrofuran	7.836	42	305529	241.626	ug/l #	82
30) Chloroform	7.965	83	233209	48.391	ug/l	98
31) Cyclohexane	8.259	56	220032	43.507	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	208787	48.833	ug/l #	94
36) 1,1-Dichloropropene	8.371	75	169164	47.145	ug/l	95
37) Ethyl Acetate	7.559	43	187398	46.668	ug/l #	94
38) Carbon Tetrachloride	8.359	117	175500	48.250	ug/l	96
39) Methylcyclohexane	9.600	83	191714	48.744	ug/l #	86
40) Benzene	8.606	78	520939	48.687	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082198.D
 Acq On : 17 May 2024 22:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2024
 Supervised By : Mahesh Dadoda 05/20/2024

Quant Time: May 18 00:14:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	112267	47.539	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	196932	47.855	ug/l	95
43) Isopropyl Acetate	8.688	43	434267	61.033	ug/l #	82
44) Trichloroethene	9.353	130	114029	46.915	ug/l	95
45) 1,2-Dichloropropane	9.624	63	133513	48.362	ug/l	100
46) Dibromomethane	9.706	93	85474	47.159	ug/l	98
47) Bromodichloromethane	9.888	83	189025	49.402	ug/l #	96
48) Methyl methacrylate	9.683	41	164979	48.660	ug/l #	82
49) 1,4-Dioxane	9.694	88	46258	973.660	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	991415	245.237	ug/l	90
52) Toluene	10.630	92	320883	49.974	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	194321	49.105	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	202592	48.365	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	114298	48.983	ug/l	97
56) Ethyl methacrylate	10.877	69	202374	51.083	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	210637	48.279	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	522356	255.623	ug/l	91
59) 2-Hexanone	11.194	43	725737	245.175	ug/l	89
60) Dibromochloromethane	11.359	129	136468	52.995	ug/l	100
61) 1,2-Dibromoethane	11.471	107	116184	48.476	ug/l	100
64) Tetrachloroethene	11.106	164	102969	43.649	ug/l	94
65) Chlorobenzene	11.894	112	335650	47.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	115482	49.863	ug/l	99
67) Ethyl Benzene	11.965	91	622948	49.528	ug/l	96
68) m/p-Xylenes	12.071	106	458721	99.511	ug/l	92
69) o-Xylene	12.400	106	223968	50.157	ug/l	91
70) Styrene	12.412	104	386108	52.057	ug/l	96
71) Bromoform	12.582	173	87703	47.646	ug/l #	98
73) Isopropylbenzene	12.694	105	578949	48.974	ug/l	97
74) N-amyl acetate	12.494	43	314265	48.329	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	163755	48.054	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	150972m	48.203	ug/l	
77) Bromobenzene	12.982	156	133934	47.541	ug/l	88
78) n-propylbenzene	13.035	91	702206	50.162	ug/l	96
79) 2-Chlorotoluene	13.123	91	421577	47.959	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	479998	50.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	59599	44.509	ug/l #	79
82) 4-Chlorotoluene	13.223	91	419837	48.849	ug/l	95
83) tert-Butylbenzene	13.441	119	413473	49.443	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	492814	50.392	ug/l	98
85) sec-Butylbenzene	13.618	105	582770	50.277	ug/l	98
86) p-Isopropyltoluene	13.729	119	484791	51.463	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	248770	48.740	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	247052	47.425	ug/l	97
89) n-Butylbenzene	14.059	91	420286	49.638	ug/l	98
90) Hexachloroethane	14.335	117	88729	50.837	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	236747	49.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33974	48.524	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	130623	48.234	ug/l	98
94) Hexachlorobutadiene	15.500	225	52693	44.343	ug/l	98
95) Naphthalene	15.641	128	423645	49.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	129991	47.948	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
Data File : VN082198.D
Acq On : 17 May 2024 22:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

Quant Time: May 18 00:14:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 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\VN051724\
Data File : VN082198.D
Acq On : 17 May 2024 22:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024

Quant Time: May 18 00:14:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

