

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082887.D
 Acq On : 11 Jul 2024 19:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/12/2024
 Supervised By : Mahesh Dadoda 07/12/2024

Quant Time: Jul 12 01:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	120794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	210221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	196333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	91893	54.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.540%
35) Dibromofluoromethane	8.165	113	70555	52.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.565	98	257212	51.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.847	95	92338	51.595	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83899	53.648	ug/l	98
3) Chloromethane	2.359	50	78244	52.757	ug/l	97
4) Vinyl Chloride	2.512	62	85501	54.892	ug/l	99
5) Bromomethane	2.942	94	43473	38.710	ug/l	93
6) Chloroethane	3.112	64	60032	56.320	ug/l	99
7) Trichlorofluoromethane	3.489	101	122306	54.594	ug/l	95
8) Diethyl Ether	3.959	74	44879	58.534	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	69083	54.484	ug/l	98
10) Methyl Iodide	4.583	142	51473	39.596	ug/l #	95
11) Tert butyl alcohol	5.530	59	77892	273.496	ug/l	99
12) 1,1-Dichloroethene	4.341	96	65828	53.384	ug/l	93
13) Acrolein	4.177	56	53047	257.987	ug/l	99
14) Allyl chloride	5.018	41	103756	53.965	ug/l #	96
15) Acrylonitrile	5.718	53	192549	294.184	ug/l	98
16) Acetone	4.424	43	165927	278.325	ug/l	94
17) Carbon Disulfide	4.712	76	182403	49.502	ug/l	99
18) Methyl Acetate	5.024	43	94439	59.866	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	247653	58.222	ug/l	95
20) Methylene Chloride	5.277	84	79869	55.474	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	70816	53.001	ug/l	92
22) Diisopropyl ether	6.677	45	249914	62.131	ug/l	98
23) Vinyl Acetate	6.606	43	1000756	313.294	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	142993	58.606	ug/l	96
25) 2-Butanone	7.482	43	262102	291.168	ug/l	91
26) 2,2-Dichloropropane	7.488	77	111037	48.946	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	87585	55.992	ug/l	91
28) Bromochloromethane	7.818	49	63508	60.675	ug/l	85
29) Tetrahydrofuran	7.841	42	173248	305.710	ug/l #	87
30) Chloroform	7.965	83	151062	58.361	ug/l	96
31) Cyclohexane	8.259	56	103684	46.836	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	137067	57.035	ug/l	95
36) 1,1-Dichloropropene	8.376	75	99331	53.409	ug/l	99
37) Ethyl Acetate	7.559	43	108667	57.390	ug/l #	94
38) Carbon Tetrachloride	8.359	117	117423	52.438	ug/l	96
39) Methylcyclohexane	9.600	83	96473	48.021	ug/l	94
40) Benzene	8.606	78	316893	55.392	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082887.D
 Acq On : 11 Jul 2024 19:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 01:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/12/2024
 Supervised By : Mahesh Dadoda 07/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	57945	56.804	ug/l	91
42) 1,2-Dichloroethane	8.671	62	119915	58.225	ug/l	98
43) Isopropyl Acetate	8.694	43	198621	55.987	ug/l #	94
44) Trichloroethene	9.353	130	75261	51.349	ug/l	98
45) 1,2-Dichloropropane	9.623	63	78122	58.491	ug/l	98
46) Dibromomethane	9.712	93	58918	56.624	ug/l	97
47) Bromodichloromethane	9.888	83	122278	56.875	ug/l	100
48) Methyl methacrylate	9.682	41	87827	59.155	ug/l #	89
49) 1,4-Dioxane	9.694	88	37005	1149.899	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	567714	302.433	ug/l	94
52) Toluene	10.629	92	200569	56.124	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	123760	55.878	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	129732	55.338	ug/l	92
55) 1,1,2-Trichloroethane	11.017	97	78530	59.759	ug/l	96
56) Ethyl methacrylate	10.876	69	130602	63.880	ug/l	86
57) 1,3-Dichloropropane	11.164	76	135951	58.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	352688	336.187	ug/l	96
59) 2-Hexanone	11.194	43	434613	311.409	ug/l	94
60) Dibromochloromethane	11.359	129	97635	58.333	ug/l	99
61) 1,2-Dibromoethane	11.470	107	80685	57.816	ug/l	99
64) Tetrachloroethene	11.106	164	73017	49.848	ug/l	99
65) Chlorobenzene	11.894	112	220973	52.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	81784	54.652	ug/l	100
67) Ethyl Benzene	11.964	91	375343	53.083	ug/l	98
68) m/p-Xylenes	12.070	106	290871	108.960	ug/l	97
69) o-Xylene	12.400	106	143168	55.971	ug/l	95
70) Styrene	12.411	104	248194	58.725	ug/l	98
71) Bromoform	12.582	173	66550	56.548	ug/l #	99
73) Isopropylbenzene	12.694	105	350682	52.698	ug/l	100
74) N-amyl acetate	12.494	43	169613	61.620	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	110875	55.633	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103394m	65.486	ug/l	
77) Bromobenzene	12.982	156	91062	53.043	ug/l	95
78) n-propylbenzene	13.035	91	403752	52.770	ug/l	99
79) 2-Chlorotoluene	13.123	91	256902	52.698	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	288852	53.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	41817	52.089	ug/l	93
82) 4-Chlorotoluene	13.223	91	254758	52.796	ug/l	99
83) tert-Butylbenzene	13.441	119	245334	51.446	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	296671	54.113	ug/l	98
85) sec-Butylbenzene	13.617	105	329554	51.140	ug/l	99
86) p-Isopropyltoluene	13.729	119	284110	52.842	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	160838	51.862	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	160046	49.901	ug/l	99
89) n-Butylbenzene	14.058	91	229734	49.875	ug/l	99
90) Hexachloroethane	14.335	117	56498	49.662	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	154500	51.310	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25043	54.315	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	80349	49.539	ug/l	99
94) Hexachlorobutadiene	15.499	225	31543	43.869	ug/l	99
95) Naphthalene	15.641	128	291715	52.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	81783	49.040	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082887.D
Acq On : 11 Jul 2024 19:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/12/2024
Supervised By :Mahesh Dadoda 07/12/2024

Quant Time: Jul 12 01:11:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 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\VN071124\
Data File : VN082887.D
Acq On : 11 Jul 2024 19:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/12/2024
Supervised By : Mahesh Dadoda 07/12/2024

Quant Time: Jul 12 01:11:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

