

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075680.D
 Acq On : 10 Dec 2022 00:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 04:16:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	226182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	366931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	336561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123239	51.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.700%			
35) Dibromofluoromethane	8.171	113	114905	51.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.571	98	437363	52.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.040%			
62) 4-Bromofluorobenzene	12.853	95	153577	53.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	81605	49.055	ug/l	97
3) Chloromethane	2.377	50	93793	47.322	ug/l	100
4) Vinyl Chloride	2.524	62	117314	48.186	ug/l	99
5) Bromomethane	2.953	94	100619	48.525	ug/l	97
6) Chloroethane	3.124	64	87430	48.131	ug/l	97
7) Trichlorofluoromethane	3.506	101	178462	50.522	ug/l	98
8) Diethyl Ether	3.971	74	67189	52.029	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	102185	49.292	ug/l	99
10) Methyl Iodide	4.600	142	172643	50.963	ug/l	100
11) Tert butyl alcohol	5.530	59	89163	251.142	ug/l	99
12) 1,1-Dichloroethene	4.353	96	101076	52.164	ug/l	99
13) Acrolein	4.189	56	104803	256.310	ug/l	99
14) Allyl chloride	5.036	41	128792m	53.375	ug/l	
15) Acrylonitrile	5.730	53	240822	262.605	ug/l	98
16) Acetone	4.442	43	186406	229.360	ug/l	96
17) Carbon Disulfide	4.724	76	255742	49.880	ug/l	100
18) Methyl Acetate	5.036	43	123531	47.302	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	343954	52.770	ug/l	99
20) Methylene Chloride	5.283	84	114288	47.171	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	111568	51.524	ug/l	97
22) Diisopropyl ether	6.683	45	297482	54.185	ug/l	98
23) Vinyl Acetate	6.612	43	1130704m	270.088	ug/l	
24) 1,1-Dichloroethane	6.583	63	190119	52.608	ug/l	100
25) 2-Butanone	7.488	43	302633	254.724	ug/l	96
26) 2,2-Dichloropropane	7.500	77	146790	47.625	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	133044	50.611	ug/l	99
28) Bromochloromethane	7.818	49	76296	52.802	ug/l	100
29) Tetrahydrofuran	7.841	42	199624	272.599	ug/l	99
30) Chloroform	7.971	83	212584	53.108	ug/l	98
31) Cyclohexane	8.265	56	169580	47.726	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	193790	52.475	ug/l	100
36) 1,1-Dichloropropene	8.377	75	154405	51.942	ug/l	99
37) Ethyl Acetate	7.565	43	123364	51.688	ug/l	98
38) Carbon Tetrachloride	8.365	117	175620	51.197	ug/l	100
39) Methylcyclohexane	9.606	83	203521	53.992	ug/l	98
40) Benzene	8.612	78	472501	51.793	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075680.D
 Acq On : 10 Dec 2022 00:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 04:16:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	67195	54.907	ug/l	96
42) 1,2-Dichloroethane	8.677	62	155244	50.870	ug/l	99
43) Isopropyl Acetate	8.694	43	213429	53.565	ug/l	100
44) Trichloroethene	9.359	130	130645	50.762	ug/l	95
45) 1,2-Dichloropropane	9.624	63	112159	51.692	ug/l	97
46) Dibromomethane	9.712	93	84215	51.698	ug/l	98
47) Bromodichloromethane	9.888	83	167972	52.591	ug/l	92
48) Methyl methacrylate	9.682	41	99811	54.389	ug/l	98
49) 1,4-Dioxane	9.694	88	45717	1024.843	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	654635	266.447	ug/l	99
52) Toluene	10.635	92	319857	53.045	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	173137	54.887	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	189071	53.874	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	123924	52.269	ug/l	97
56) Ethyl methacrylate	10.876	69	176171	54.839	ug/l	99
57) 1,3-Dichloropropane	11.165	76	199309	52.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	262199	276.428	ug/l	99
59) 2-Hexanone	11.200	43	480557	269.221	ug/l	100
60) Dibromochloromethane	11.359	129	141605	54.278	ug/l	100
61) 1,2-Dibromoethane	11.470	107	129882	52.288	ug/l	99
64) Tetrachloroethene	11.106	164	115938	47.293	ug/l	96
65) Chlorobenzene	11.894	112	345894	49.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	132040	52.408	ug/l	99
67) Ethyl Benzene	11.965	91	617945	52.749	ug/l	98
68) m/p-Xylenes	12.070	106	503576	106.386	ug/l	99
69) o-Xylene	12.400	106	247151	53.807	ug/l	100
70) Styrene	12.412	104	409366	55.568	ug/l	100
71) Bromoform	12.582	173	106188	55.604	ug/l #	99
73) Isopropylbenzene	12.700	105	648811	52.218	ug/l	100
74) N-amyl acetate	12.494	43	193179	53.510	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	181203	48.549	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	156402m	45.006	ug/l	
77) Bromobenzene	12.982	156	157551	50.422	ug/l	97
78) n-propylbenzene	13.035	91	737149	53.465	ug/l	100
79) 2-Chlorotoluene	13.129	91	427747	50.253	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	548762	52.827	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	50559m	47.541	ug/l	
82) 4-Chlorotoluene	13.129	91	427747	50.253	ug/l	100
83) tert-Butylbenzene	13.441	119	491575	52.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	552950	52.962	ug/l	100
85) sec-Butylbenzene	13.617	105	694001	53.589	ug/l	99
86) p-Isopropyltoluene	13.729	119	592017	54.635	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	293924	50.299	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	290321	48.844	ug/l	99
89) n-Butylbenzene	14.059	91	476101	54.819	ug/l	100
90) Hexachloroethane	14.335	117	100831	54.325	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	287424	49.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32883	53.615	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	151590	54.301	ug/l	99
94) Hexachlorobutadiene	15.506	225	81411	51.398	ug/l	99
95) Naphthalene	15.641	128	443344	53.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	145870	53.177	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN075680.D
Acq On : 10 Dec 2022 00:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:16:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
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\VN120922\
Data File : VN075680.D
Acq On : 10 Dec 2022 00:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:16:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

