

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074107.D
 Acq On : 25 Aug 2022 11:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	482407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	715392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	667229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	349686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	254592	54.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.360%			
35) Dibromofluoromethane	7.951	113	229318	54.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.400%			
50) Toluene-d8	10.381	98	857468	52.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.669	95	307354	56.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	218277	57.064	ug/l	98
3) Chloromethane	2.269	50	189917	44.648	ug/l	100
4) Vinyl Chloride	2.405	62	274406	50.252	ug/l	97
5) Bromomethane	2.787	94	155176	45.506	ug/l	97
6) Chloroethane	2.958	64	181825	47.133	ug/l	99
7) Trichlorofluoromethane	3.305	101	310878	44.133	ug/l	100
8) Diethyl Ether	3.763	74	138676	53.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	217296	53.102	ug/l	96
10) Methyl Iodide	4.346	142	190455	38.768	ug/l	97
11) Tert butyl alcohol	5.287	59	257007	244.534	ug/l	100
12) 1,1-Dichloroethene	4.105	96	197879	51.973	ug/l	94
13) Acrolein	3.975	56	137071	186.323	ug/l	98
14) Allyl chloride	4.752	41	310313	55.033	ug/l	96
15) Acrylonitrile	5.469	53	798396	311.150	ug/l	98
16) Acetone	4.216	43	622196	280.679	ug/l	97
17) Carbon Disulfide	4.457	76	506283	55.926	ug/l	100
18) Methyl Acetate	4.769	43	340881	62.146	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	714087	52.076	ug/l	97
20) Methylene Chloride	5.004	84	248282	53.078	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	222606	53.070	ug/l	97
22) Diisopropyl ether	6.410	45	698604	58.434	ug/l	99
23) Vinyl Acetate	6.346	43	3006531	293.457	ug/l	99
24) 1,1-Dichloroethane	6.298	63	415193	55.792	ug/l	99
25) 2-Butanone	7.257	43	1036469	294.880	ug/l	100
26) 2,2-Dichloropropane	7.245	77	296166	42.360	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	271333	52.429	ug/l	94
28) Bromochloromethane	7.581	49	160175	58.358	ug/l	98
29) Tetrahydrofuran	7.604	42	678498	300.922	ug/l	98
30) Chloroform	7.745	83	442290	53.151	ug/l	98
31) Cyclohexane	8.022	56	363034	55.425	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	374563	50.758	ug/l	98
36) 1,1-Dichloropropene	8.151	75	318720	54.237	ug/l	99
37) Ethyl Acetate	7.334	43	402107	56.482	ug/l	99
38) Carbon Tetrachloride	8.134	117	324486	48.309	ug/l	98
39) Methylcyclohexane	9.392	83	400619	54.408	ug/l	97
40) Benzene	8.387	78	1006802	54.284	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074107.D
 Acq On : 25 Aug 2022 11:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 01:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	152940	47.537	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	330890	51.887	ug/l	99
43) Isopropyl Acetate	8.492	43	541284	53.371	ug/l	97
44) Trichloroethene	9.151	130	256392	47.863	ug/l	97
45) 1,2-Dichloropropane	9.428	63	250290	56.302	ug/l	98
46) Dibromomethane	9.510	93	177751	52.592	ug/l	97
47) Bromodichloromethane	9.698	83	345173	53.433	ug/l	98
48) Methyl methacrylate	9.498	41	245414	56.553	ug/l	89
49) 1,4-Dioxane	9.504	88	137172	1062.942	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	2021311	294.784	ug/l	99
52) Toluene	10.439	92	637714	50.144	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	346054	51.051	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	387773	52.283	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	265703	53.708	ug/l	98
56) Ethyl methacrylate	10.698	69	407464	57.748	ug/l	93
57) 1,3-Dichloropropane	10.986	76	442579	55.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	905831	275.069	ug/l	99
59) 2-Hexanone	11.028	43	1569589	297.432	ug/l	98
60) Dibromochloromethane	11.175	129	288403	52.716	ug/l	99
61) 1,2-Dibromoethane	11.286	107	274648	51.905	ug/l	100
64) Tetrachloroethene	10.916	164	234493	44.527	ug/l	97
65) Chlorobenzene	11.710	112	699026	49.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.781	131	261285	48.659	ug/l	98
67) Ethyl Benzene	11.786	91	1240352	52.597	ug/l	100
68) m/p-Xylenes	11.892	106	981371	102.421	ug/l	100
69) o-Xylene	12.222	106	482293	50.194	ug/l	97
70) Styrene	12.233	104	805283	53.532	ug/l	98
71) Bromoform	12.398	173	234315	48.875	ug/l #	98
73) Isopropylbenzene	12.516	105	1242885	48.811	ug/l	100
74) N-amyl acetate	12.328	43	456364	47.409	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	434439	50.843	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	355527m	48.916	ug/l	
77) Bromobenzene	12.798	156	317570	46.076	ug/l	97
78) n-propylbenzene	12.857	91	1437478	52.961	ug/l	99
79) 2-Chlorotoluene	12.945	91	852956	50.427	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1060025	51.181	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	123914	48.490	ug/l	98
82) 4-Chlorotoluene	13.045	91	830812	51.715	ug/l	97
83) tert-Butylbenzene	13.263	119	944333	49.548	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1064535	51.470	ug/l	100
85) sec-Butylbenzene	13.439	105	1306200	52.872	ug/l	99
86) p-Isopropyltoluene	13.551	119	1121225	53.274	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	581136	48.620	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	578554	47.762	ug/l	99
89) n-Butylbenzene	13.880	91	886546	53.181	ug/l	99
90) Hexachloroethane	14.145	117	190120	49.419	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	587140	47.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	95830	47.499	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	350647	46.677	ug/l	99
94) Hexachlorobutadiene	15.298	225	185573	46.863	ug/l	97
95) Naphthalene	15.433	128	1151374	47.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	363239	46.781	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
Data File : VN074107.D
Acq On : 25 Aug 2022 11:23
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/26/2022
Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:56:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

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

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

