

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074018.D
 Acq On : 19 Aug 2022 10:59
 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 20 03:02:27 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

08/22/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	520911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	757275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	689975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	353419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	281129	55.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.820%	
35) Dibromofluoromethane	7.951	113	252102	56.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.580%	
50) Toluene-d8	10.381	98	959395	55.314	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.620%	
62) 4-Bromofluorobenzene	12.669	95	335384	58.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	226963	54.949	ug/l	97
3) Chloromethane	2.269	50	261194	56.866	ug/l	99
4) Vinyl Chloride	2.405	62	311479	52.825	ug/l	98
5) Bromomethane	2.793	94	194480	52.817	ug/l	99
6) Chloroethane	2.958	64	205268	49.277	ug/l	98
7) Trichlorofluoromethane	3.310	101	409434	53.828	ug/l	97
8) Diethyl Ether	3.763	74	154019	54.547	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	238590	53.996	ug/l	95
10) Methyl Iodide	4.346	142	249413	47.017	ug/l	98
11) Tert butyl alcohol	5.287	59	300680	264.940	ug/l	99
12) 1,1-Dichloroethene	4.104	96	216677	52.704	ug/l	90
13) Acrolein	3.975	56	231150	290.982	ug/l	99
14) Allyl chloride	4.757	41	342127	56.190	ug/l	98
15) Acrylonitrile	5.469	53	830637	299.787	ug/l	100
16) Acetone	4.216	43	670012	279.908	ug/l	100
17) Carbon Disulfide	4.457	76	488496	49.972	ug/l	99
18) Methyl Acetate	4.775	43	391551	66.278	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	819637	55.356	ug/l	97
20) Methylene Chloride	5.010	84	263143	52.097	ug/l	100
21) trans-1,2-Dichloroethene	5.510	96	237851	52.513	ug/l	95
22) Diisopropyl ether	6.410	45	755773	58.543	ug/l	97
23) Vinyl Acetate	6.346	43	3289584	297.351	ug/l	100
24) 1,1-Dichloroethane	6.304	63	453452	56.430	ug/l	98
25) 2-Butanone	7.257	43	1117575	294.453	ug/l	99
26) 2,2-Dichloropropane	7.245	77	373874	49.522	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	295605	52.897	ug/l	96
28) Bromochloromethane	7.581	49	174533	58.889	ug/l	91
29) Tetrahydrofuran	7.604	42	722128	296.599	ug/l	97
30) Chloroform	7.745	83	490380	54.574	ug/l	99
31) Cyclohexane	8.022	56	379759	53.693	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	426025	53.465	ug/l	97
36) 1,1-Dichloropropene	8.145	75	341706	54.933	ug/l	99
37) Ethyl Acetate	7.334	43	437764	58.090	ug/l	99
38) Carbon Tetrachloride	8.134	117	378978	53.301	ug/l	98
39) Methylcyclohexane	9.392	83	438110	56.209	ug/l	94
40) Benzene	8.387	78	1079557	54.988	ug/l	100

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41) Methacrylonitrile	7.563	41	200022	58.733	ug/l	100
42) 1,2-Dichloroethane	8.463	62	373901	55.389	ug/l	100
43) Isopropyl Acetate	8.492	43	619431	57.699	ug/l	98
44) Trichloroethene	9.151	130	292512	51.585	ug/l	99
45) 1,2-Dichloropropane	9.428	63	267248	56.792	ug/l	99
46) Dibromomethane	9.510	93	196363	54.886	ug/l	95
47) Bromodichloromethane	9.698	83	383802	56.127	ug/l	98
48) Methyl methacrylate	9.498	41	270673	58.924	ug/l	92
49) 1,4-Dioxane	9.504	88	144203	1055.623	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	2199351	303.010	ug/l	100
52) Toluene	10.439	92	700783	52.055	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	404638	56.392	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	437060	55.670	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	291859	55.732	ug/l	99
56) Ethyl methacrylate	10.698	69	458211	61.348	ug/l	95
57) 1,3-Dichloropropane	10.986	76	486468	57.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1051576	301.666	ug/l	98
59) 2-Hexanone	11.028	43	1702596	304.792	ug/l	99
60) Dibromochloromethane	11.181	129	323906	55.931	ug/l	99
61) 1,2-Dibromoethane	11.286	107	307119	54.831	ug/l	100
64) Tetrachloroethene	10.916	164	267338	49.091	ug/l	96
65) Chlorobenzene	11.710	112	780248	53.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	302653	54.505	ug/l	99
67) Ethyl Benzene	11.786	91	1352665	55.468	ug/l	98
68) m/p-Xylenes	11.892	106	1076240	108.619	ug/l	98
69) o-Xylene	12.222	106	536945	54.039	ug/l	96
70) Styrene	12.233	104	881491	56.666	ug/l	99
71) Bromoform	12.398	173	266066	53.668	ug/l	100
73) Isopropylbenzene	12.522	105	1389376	53.988	ug/l	99
74) N-amyl acetate	12.327	43	522998	53.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	466239	53.988	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	328872m	44.770	ug/l	
77) Bromobenzene	12.798	156	359784	51.650	ug/l	94
78) n-propylbenzene	12.857	91	1554400	56.663	ug/l	98
79) 2-Chlorotoluene	12.945	91	938242	54.884	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1175514	56.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	144651	56.007	ug/l	97
82) 4-Chlorotoluene	13.045	91	917674	56.519	ug/l	96
83) tert-Butylbenzene	13.263	119	1060622	55.062	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1171611	56.049	ug/l	100
85) sec-Butylbenzene	13.439	105	1459046	58.435	ug/l	99
86) p-Isopropyltoluene	13.557	119	1255671	59.031	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	639906	52.972	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	641747	52.420	ug/l	99
89) n-Butylbenzene	13.880	91	971641	57.670	ug/l	99
90) Hexachloroethane	14.151	117	215807	55.504	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	654726	52.485	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	108543	53.232	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	412602	54.344	ug/l	99
94) Hexachlorobutadiene	15.298	225	211394	52.820	ug/l	98
95) Naphthalene	15.433	128	1355971	54.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	423138	53.920	ug/l	99

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

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