

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070302.D
 Acq On : 22 Dec 2021 20:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 23 04:40:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1089468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1819782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1730542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	686825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	659944	39.232	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	78.460%		
35) Dibromofluoromethane	8.021	113	464294	40.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	81.460%		
50) Toluene-d8	10.440	98	1778315	38.854	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	77.700%		
62) 4-Bromofluorobenzene	12.731	95	686789	41.419	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	389402	30.645	ug/l	100
3) Chloromethane	2.303	50	506297	31.804	ug/l	98
4) Vinyl Chloride	2.446	62	489109	33.414	ug/l	99
5) Bromomethane	2.832	94	274947	34.573	ug/l	99
6) Chloroethane	3.006	64	315489	35.172	ug/l	95
7) Trichlorofluoromethane	3.368	101	660477	34.379	ug/l	98
8) Diethyl Ether	3.821	74	313691	42.395	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	426929	39.643	ug/l	96
10) Methyl Iodide	4.417	142	576190	39.164	ug/l	99
11) Tert butyl alcohol	5.385	59	665495	209.298	ug/l	99
12) 1,1-Dichloroethene	4.175	96	393933	37.960	ug/l	90
13) Acrolein	4.039	56	647703	239.203	ug/l	98
14) Allyl chloride	4.835	41	974670	41.680	ug/l #	89
15) Acrylonitrile	5.554	53	1867522	217.964	ug/l	100
16) Acetone	4.288	43	1846438	182.475	ug/l	98
17) Carbon Disulfide	4.524	76	792331	29.553	ug/l	100
18) Methyl Acetate	4.854	43	1280634	41.929	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1807125	44.785	ug/l	96
20) Methylene Chloride	5.090	84	524750	39.010	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	418894	37.163	ug/l #	84
22) Diisopropyl ether	6.498	45	2085278	45.623	ug/l	92
23) Vinyl Acetate	6.434	43	8393557	225.725	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1009011	42.617	ug/l	98
25) 2-Butanone	7.337	43	2794276	203.241	ug/l	91
26) 2,2-Dichloropropane	7.324	77	773749	42.032	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	556447	40.860	ug/l	85
28) Bromochloromethane	7.657	49	510719	41.481	ug/l #	77
29) Tetrahydrofuran	7.686	42	1768445	211.829	ug/l	87
30) Chloroform	7.818	83	1022936	42.780	ug/l	98
31) Cyclohexane	8.094	56	839627	35.867	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	844915	41.482	ug/l	95
36) 1,1-Dichloropropene	8.220	75	672038	38.793	ug/l	96
37) Ethyl Acetate	7.415	43	1056473	40.974	ug/l	97
38) Carbon Tetrachloride	8.206	117	675585	39.768	ug/l	99
39) Methylcyclohexane	9.459	83	764863	37.118	ug/l #	88
40) Benzene	8.459	78	2146375	40.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	572703	47.316	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	876429	41.001	ug/l	97
43) Isopropyl Acetate	8.560	43	1686607	44.202	ug/l #	94
44) Trichloroethene	9.215	130	496153	39.257	ug/l	92
45) 1,2-Dichloropropane	9.488	63	623042	43.816	ug/l	99
46) Dibromomethane	9.577	93	382678	41.035	ug/l	93
47) Bromodichloromethane	9.762	83	797191	45.149	ug/l	100
48) Methyl methacrylate	9.558	41	787654	44.233	ug/l	86
49) 1,4-Dioxane	9.569	88	258811	810.033	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	5716738	230.950	ug/l	96
52) Toluene	10.505	92	1350215	41.766	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	860902	41.062	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	921032	41.666	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	578374	44.341	ug/l	97
56) Ethyl methacrylate	10.760	69	1016948	41.716	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	1007704	43.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1449386	220.424	ug/l	91
59) 2-Hexanone	11.084	43	4148560	221.552	ug/l	94
60) Dibromochloromethane	11.237	129	572590	41.399	ug/l	100
61) 1,2-Dibromoethane	11.344	107	579423	42.888	ug/l	99
64) Tetrachloroethene	10.977	164	441074	37.589	ug/l	95
65) Chlorobenzene	11.771	112	1466088	41.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	541100	43.790	ug/l	99
67) Ethyl Benzene	11.843	91	2698863	42.320	ug/l	96
68) m/p-Xylenes	11.953	106	1925624	82.930	ug/l	91
69) o-Xylene	12.280	106	999084	42.716	ug/l	93
70) Styrene	12.294	104	1637241	44.145	ug/l	95
71) Bromoform	12.457	173	429884	41.184	ug/l #	99
73) Isopropylbenzene	12.578	105	2663314	43.584	ug/l	98
74) N-amyl acetate	12.388	43	1255548	46.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	927596	43.897	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	744048m	37.776	ug/l	
77) Bromobenzene	12.860	156	603971	42.078	ug/l	75
78) n-propylbenzene	12.919	91	2942119	43.267	ug/l	96
79) 2-Chlorotoluene	13.007	91	1843923	42.915	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2138331	43.475	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	261826	44.034	ug/l	96
82) 4-Chlorotoluene	13.104	91	1740913	43.084	ug/l	92
83) tert-Butylbenzene	13.324	119	1932156	44.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2104941	44.937	ug/l	97
85) sec-Butylbenzene	13.501	105	2608917	44.163	ug/l	97
86) p-Isopropyltoluene	13.616	119	2045493	44.298	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	988667	41.927	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	948196	40.918	ug/l	97
89) n-Butylbenzene	13.943	91	1665065	44.452	ug/l	97
90) Hexachloroethane	14.209	117	361972	44.649	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	974624	42.420	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172299	45.123	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	476418	42.723	ug/l	98
94) Hexachlorobutadiene	15.370	225	265118	43.540	ug/l	100
95) Naphthalene	15.507	128	1463387	44.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	484052	44.365	ug/l	99

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

