

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071158.D
 Acq On : 03 Mar 2022 17:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 01:15:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	622881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1010162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	936519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	397049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	382725	53.789	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.580%			
35) Dibromofluoromethane	8.016	113	301779	50.226	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.460%			
50) Toluene-d8	10.439	98	1192649	49.427	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.727	95	422160	48.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	266347	41.170	ug/l	99
3) Chloromethane	2.299	50	364037	44.767	ug/l	99
4) Vinyl Chloride	2.446	62	341464	41.948	ug/l	96
5) Bromomethane	2.828	94	179731	38.867	ug/l	100
6) Chloroethane	3.004	64	212205	39.736	ug/l	95
7) Trichlorofluoromethane	3.369	101	478011	46.858	ug/l	94
8) Diethyl Ether	3.822	74	212792	47.983	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	286762	45.817	ug/l	94
10) Methyl Iodide	4.422	142	382209	44.092	ug/l	98
11) Tert butyl alcohol	5.363	59	374322	288.669	ug/l	98
12) 1,1-Dichloroethene	4.181	96	268004	43.949	ug/l	94
13) Acrolein	4.040	56	288528	249.007	ug/l	99
14) Allyl chloride	4.840	41	593640	51.044	ug/l #	85
15) Acrylonitrile	5.545	53	1095715	286.872	ug/l	99
16) Acetone	4.281	43	884343	225.682	ug/l	96
17) Carbon Disulfide	4.534	76	617192	35.294	ug/l	99
18) Methyl Acetate	4.851	43	514200	60.051	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1111313	51.952	ug/l	96
20) Methylene Chloride	5.093	84	346328	48.631	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	286679	43.800	ug/l	92
22) Diisopropyl ether	6.492	45	1264148	56.674	ug/l	94
23) Vinyl Acetate	6.428	43	5405797	286.297	ug/l	98
24) 1,1-Dichloroethane	6.387	63	634206	50.721	ug/l	99
25) 2-Butanone	7.328	43	1478279	283.587	ug/l	96
26) 2,2-Dichloropropane	7.322	77	509150	48.994	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	362221	48.151	ug/l	90
28) Bromochloromethane	7.651	49	286499	56.611	ug/l	83
29) Tetrahydrofuran	7.681	42	1009804	299.030	ug/l	92
30) Chloroform	7.816	83	614552	49.972	ug/l	99
31) Cyclohexane	8.092	56	567995	46.157	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	522942	49.239	ug/l	98
36) 1,1-Dichloropropene	8.216	75	442654	44.968	ug/l	97
37) Ethyl Acetate	7.404	43	588067	55.703	ug/l	98
38) Carbon Tetrachloride	8.204	117	440935	45.461	ug/l	99
39) Methylcyclohexane	9.457	83	546894	43.176	ug/l	92
40) Benzene	8.457	78	1381697	47.451	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	335948	60.420	ug/l #	83
42) 1,2-Dichloroethane	8.522	62	497440	50.160	ug/l	97
43) Isopropyl Acetate	8.557	43	1025579	61.631	ug/l	94
44) Trichloroethene	9.210	130	329557	42.981	ug/l	99
45) 1,2-Dichloropropane	9.486	63	382282	51.253	ug/l	97
46) Dibromomethane	9.575	93	233251	47.520	ug/l	97
47) Bromodichloromethane	9.757	83	488802	49.273	ug/l	100
48) Methyl methacrylate	9.557	41	447645	56.833	ug/l #	83
49) 1,4-Dioxane	9.563	88	161938	1157.559	ug/l	89
51) 4-Methyl-2-Pentanone	10.328	43	2990858	295.409	ug/l	99
52) Toluene	10.498	92	869509	47.522	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	541003	50.153	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	591098	49.897	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	354480	49.495	ug/l	99
56) Ethyl methacrylate	10.757	69	596060	55.237	ug/l	91
57) 1,3-Dichloropropane	11.039	76	632546	51.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	563140	236.568	ug/l	95
59) 2-Hexanone	11.080	43	2101941	301.867	ug/l	100
60) Dibromochloromethane	11.233	129	369688	48.843	ug/l	100
61) 1,2-Dibromoethane	11.339	107	354310	48.637	ug/l	98
64) Tetrachloroethene	10.975	164	283037	38.806	ug/l	99
65) Chlorobenzene	11.763	112	918041	45.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	346342	47.082	ug/l	100
67) Ethyl Benzene	11.839	91	1688732	47.812	ug/l	98
68) m/p-Xylenes	11.951	106	1277927	93.667	ug/l	99
69) o-Xylene	12.274	106	638476	47.907	ug/l	99
70) Styrene	12.292	104	1039829	49.068	ug/l	98
71) Bromoform	12.451	173	277560	47.376	ug/l #	99
73) Isopropylbenzene	12.574	105	1660798	51.966	ug/l	99
74) N-amyl acetate	12.380	43	633337	61.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	542656	53.434	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	483142m	51.681	ug/l	
77) Bromobenzene	12.857	156	383138	48.972	ug/l	83
78) n-propylbenzene	12.916	91	1843870	51.350	ug/l	98
79) 2-Chlorotoluene	13.004	91	1135931	52.092	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1345448	51.965	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	164076	56.873	ug/l	91
82) 4-Chlorotoluene	13.104	91	1077865	50.921	ug/l	93
83) tert-Butylbenzene	13.321	119	1208760	49.227	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1304788	51.194	ug/l	100
85) sec-Butylbenzene	13.498	105	1645648	50.862	ug/l	99
86) p-Isopropyltoluene	13.610	119	1340432	50.466	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	650079	46.939	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	620427	45.723	ug/l	97
89) n-Butylbenzene	13.939	91	1017558	46.956	ug/l	96
90) Hexachloroethane	14.204	117	248829	52.457	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	616548	47.408	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	89337	54.294	ug/l	89
93) 1,2,4-Trichlorobenzene	15.262	180	275072	38.124	ug/l	100
94) Hexachlorobutadiene	15.362	225	178962	37.736	ug/l	99
95) Naphthalene	15.504	128	671773	39.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	262668	39.532	ug/l	98

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

