

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071768.D
 Acq On : 01 Apr 2022 21:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 00:58:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	620828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	970874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	883897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	342934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	347261	48.996	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.000%		
35) Dibromofluoromethane	8.022	113	289437	50.663	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.320%		
50) Toluene-d8	10.439	98	1174597	50.259	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.727	95	369961	48.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	213412	43.239	ug/l	95
3) Chloromethane	2.299	50	257999	41.251	ug/l	99
4) Vinyl Chloride	2.440	62	291089	42.382	ug/l	97
5) Bromomethane	2.828	94	173417	38.841	ug/l	100
6) Chloroethane	3.004	64	198816	40.238	ug/l	100
7) Trichlorofluoromethane	3.363	101	374442	42.850	ug/l	98
8) Diethyl Ether	3.828	74	171476	46.433	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	228448	42.424	ug/l	99
10) Methyl Iodide	4.422	142	322914	42.898	ug/l	99
11) Tert butyl alcohol	5.363	59	285301	248.049	ug/l	99
12) 1,1-Dichloroethene	4.181	96	223766	43.667	ug/l	99
13) Acrolein	4.040	56	386070	275.289	ug/l	98
14) Allyl chloride	4.840	41	365562	43.952	ug/l	96
15) Acrylonitrile	5.551	53	840627	251.444	ug/l	99
16) Acetone	4.287	43	632372	208.777	ug/l	96
17) Carbon Disulfide	4.528	76	462992	39.379	ug/l	100
18) Methyl Acetate	4.851	43	350066	46.568	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	882718	46.368	ug/l	98
20) Methylene Chloride	5.093	84	283961	44.479	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	240314	42.719	ug/l	98
22) Diisopropyl ether	6.492	45	848177	46.843	ug/l	98
23) Vinyl Acetate	6.428	43	3552437	246.719	ug/l	99
24) 1,1-Dichloroethane	6.387	63	484528	45.583	ug/l	98
25) 2-Butanone	7.328	43	1053961	241.370	ug/l	98
26) 2,2-Dichloropropane	7.322	77	342727	37.533	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	308021	44.652	ug/l	97
28) Bromochloromethane	7.657	49	204917	47.790	ug/l	100
29) Tetrahydrofuran	7.681	42	697841	246.813	ug/l	99
30) Chloroform	7.816	83	503006	44.816	ug/l	99
31) Cyclohexane	8.092	56	389499	40.411	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	425982	44.364	ug/l	99
36) 1,1-Dichloropropene	8.216	75	349709	43.834	ug/l	99
37) Ethyl Acetate	7.404	43	423307	48.476	ug/l	99
38) Carbon Tetrachloride	8.204	117	352539	45.088	ug/l	100
39) Methylcyclohexane	9.457	83	416303	43.836	ug/l	99
40) Benzene	8.457	78	1143307	45.365	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	217423	50.851	ug/l	93
42) 1,2-Dichloroethane	8.528	62	388575	44.571	ug/l	99
43) Isopropyl Acetate	8.557	43	636207	43.803	ug/l	98
44) Trichloroethene	9.216	130	289893	44.648	ug/l	99
45) 1,2-Dichloropropane	9.486	63	291183	46.249	ug/l	98
46) Dibromomethane	9.575	93	196507	45.969	ug/l	98
47) Bromodichloromethane	9.757	83	399618	47.490	ug/l	99
48) Methyl methacrylate	9.557	41	306186	50.812	ug/l	97
49) 1,4-Dioxane	9.563	88	138490	968.312	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	2143609	256.698	ug/l	98
52) Toluene	10.504	92	746951	46.887	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	421200	47.760	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	461787	47.390	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	305959	46.665	ug/l	98
56) Ethyl methacrylate	10.757	69	488692	52.248	ug/l	94
57) 1,3-Dichloropropane	11.039	76	519198	47.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	534043	189.839	ug/l	99
59) 2-Hexanone	11.080	43	1527498	259.808	ug/l	98
60) Dibromochloromethane	11.233	129	319450	49.968	ug/l	98
61) 1,2-Dibromoethane	11.345	107	313610	48.592	ug/l	100
64) Tetrachloroethene	10.974	164	251079	43.017	ug/l	99
65) Chlorobenzene	11.769	112	817724	46.202	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	302468	47.360	ug/l	99
67) Ethyl Benzene	11.839	91	1422884	47.490	ug/l	99
68) m/p-Xylenes	11.951	106	1086714	94.399	ug/l	100
69) o-Xylene	12.274	106	547867	47.948	ug/l	99
70) Styrene	12.292	104	873323	50.444	ug/l	99
71) Bromoform	12.457	173	243314	50.029	ug/l #	100
73) Isopropylbenzene	12.574	105	1397237	48.350	ug/l	100
74) N-amyl acetate	12.386	43	432670	52.256	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	455700	47.262	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	406108m	51.119	ug/l	
77) Bromobenzene	12.857	156	327108	45.154	ug/l	99
78) n-propylbenzene	12.916	91	1497318	49.257	ug/l	100
79) 2-Chlorotoluene	13.004	91	927720	47.588	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1135634	49.599	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	121181	47.271	ug/l	99
82) 4-Chlorotoluene	13.104	91	862106	47.709	ug/l	99
83) tert-Butylbenzene	13.321	119	1016521	48.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1095170	49.023	ug/l	100
85) sec-Butylbenzene	13.498	105	1342447	49.479	ug/l	99
86) p-Isopropyltoluene	13.610	119	1089885	50.381	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	525726	45.552	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	510058	45.300	ug/l	100
89) n-Butylbenzene	13.939	91	775413	48.327	ug/l	99
90) Hexachloroethane	14.210	117	195767	49.435	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	520471	45.936	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	77339	51.711	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	236171	43.553	ug/l	100
94) Hexachlorobutadiene	15.368	225	140167	41.945	ug/l	98
95) Naphthalene	15.504	128	680144	44.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	233840	44.508	ug/l	99

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

