

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071741.D
 Acq On : 01 Apr 2022 06:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 07:47:34 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	558219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	898218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	839123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	333991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	326697	51.265	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.520%			
35) Dibromofluoromethane	8.022	113	273674	51.778	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.560%			
50) Toluene-d8	10.439	98	1110872	51.378	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.727	95	363789	52.023	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	219029	49.354	ug/l	98
3) Chloromethane	2.299	50	265867	47.277	ug/l	97
4) Vinyl Chloride	2.440	62	295219	47.804	ug/l	100
5) Bromomethane	2.834	94	176461	43.955	ug/l	95
6) Chloroethane	3.004	64	192695	43.373	ug/l	99
7) Trichlorofluoromethane	3.369	101	377834	48.088	ug/l	99
8) Diethyl Ether	3.822	74	170333	51.297	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	232129	47.942	ug/l	99
10) Methyl Iodide	4.422	142	335971	49.639	ug/l	99
11) Tert butyl alcohol	5.369	59	304221	294.164	ug/l	100
12) 1,1-Dichloroethene	4.181	96	225998	49.049	ug/l	95
13) Acrolein	4.040	56	356681	282.858	ug/l	99
14) Allyl chloride	4.840	41	364022	48.676	ug/l	95
15) Acrylonitrile	5.551	53	876032	291.424	ug/l	99
16) Acetone	4.281	43	675408	247.995	ug/l	97
17) Carbon Disulfide	4.534	76	481921	45.586	ug/l	99
18) Methyl Acetate	4.851	43	377111	56.101	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	892661	52.150	ug/l	97
20) Methylene Chloride	5.093	84	292246	50.910	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	245285	48.494	ug/l	96
22) Diisopropyl ether	6.492	45	849575	52.183	ug/l	98
23) Vinyl Acetate	6.434	43	3616325	279.325	ug/l	100
24) 1,1-Dichloroethane	6.387	63	491336	51.408	ug/l	98
25) 2-Butanone	7.334	43	1122066	285.788	ug/l	99
26) 2,2-Dichloropropane	7.322	77	282478	34.404	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	313342	50.518	ug/l	95
28) Bromochloromethane	7.657	49	207752	53.885	ug/l	99
29) Tetrahydrofuran	7.681	42	732372	288.077	ug/l	100
30) Chloroform	7.816	83	512778	50.811	ug/l	99
31) Cyclohexane	8.092	56	398577	45.990	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	431176	49.942	ug/l	98
36) 1,1-Dichloropropene	8.222	75	356447	48.293	ug/l	99
37) Ethyl Acetate	7.410	43	432950	53.591	ug/l	99
38) Carbon Tetrachloride	8.204	117	362021	50.046	ug/l	100
39) Methylcyclohexane	9.457	83	420717	47.884	ug/l	98
40) Benzene	8.457	78	1147348	49.208	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	249045	62.959	ug/l	87
42) 1,2-Dichloroethane	8.528	62	393203	48.750	ug/l	99
43) Isopropyl Acetate	8.557	43	898848	66.891	ug/l #	89
44) Trichloroethene	9.216	130	290687	48.392	ug/l	99
45) 1,2-Dichloropropane	9.486	63	296274	50.864	ug/l	98
46) Dibromomethane	9.575	93	202593	51.227	ug/l	99
47) Bromodichloromethane	9.757	83	402950	51.760	ug/l	98
48) Methyl methacrylate	9.557	41	291249	52.243	ug/l	93
49) 1,4-Dioxane	9.569	88	146294	1107.602	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	2196808	284.348	ug/l	98
52) Toluene	10.504	92	754679	51.203	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	414712	50.828	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	450241	49.943	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	310813	51.239	ug/l	99
56) Ethyl methacrylate	10.757	69	495088	57.213	ug/l	94
57) 1,3-Dichloropropane	11.039	76	520231	51.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	638010	240.200	ug/l	99
59) 2-Hexanone	11.080	43	1615076	296.925	ug/l	98
60) Dibromochloromethane	11.233	129	326216	55.154	ug/l	99
61) 1,2-Dibromoethane	11.345	107	314660	52.698	ug/l	100
64) Tetrachloroethene	10.975	164	248842	44.909	ug/l	98
65) Chlorobenzene	11.769	112	810741	48.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	306805	50.603	ug/l	99
67) Ethyl Benzene	11.839	91	1420487	49.940	ug/l	99
68) m/p-Xylenes	11.951	106	1080742	98.889	ug/l	100
69) o-Xylene	12.280	106	547355	50.459	ug/l	98
70) Styrene	12.292	104	877810	53.409	ug/l	99
71) Bromoform	12.457	173	250062	54.160	ug/l #	100
73) Isopropylbenzene	12.574	105	1384186	49.181	ug/l	100
74) N-amyl acetate	12.386	43	458930	56.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	467070	49.738	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	369470m	47.753	ug/l	
77) Bromobenzene	12.857	156	334456	47.404	ug/l	99
78) n-propylbenzene	12.916	91	1486409	50.207	ug/l	100
79) 2-Chlorotoluene	13.004	91	939155	49.465	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1131796	50.755	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	125097	50.105	ug/l	99
82) 4-Chlorotoluene	13.104	91	849728	48.283	ug/l	100
83) tert-Butylbenzene	13.321	119	1008923	49.496	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1105877	50.828	ug/l	99
85) sec-Butylbenzene	13.498	105	1346677	50.964	ug/l	100
86) p-Isopropyltoluene	13.610	119	1088088	51.644	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	542244	48.241	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	515141	46.976	ug/l	99
89) n-Butylbenzene	13.939	91	787061	50.367	ug/l	99
90) Hexachloroethane	14.210	117	210791	54.655	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	523419	47.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	82054	56.333	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	245871	46.412	ug/l	100
94) Hexachlorobutadiene	15.363	225	138686	42.613	ug/l	99
95) Naphthalene	15.504	128	738469	48.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	248321	48.312	ug/l	100

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

