

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070600.D
 Acq On : 12 Jan 2022 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 04:29:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	796021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1321516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1248068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	529345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	584188	51.042	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.080%			
35) Dibromofluoromethane	8.021	113	431165	53.924	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.840%			
50) Toluene-d8	10.440	98	1744095	53.395	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.800%			
62) 4-Bromofluorobenzene	12.728	95	670718	56.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	409663	45.380	ug/l	100
3) Chloromethane	2.303	50	590264	48.067	ug/l	99
4) Vinyl Chloride	2.448	62	536679	48.002	ug/l	98
5) Bromomethane	2.834	94	303774	52.642	ug/l	99
6) Chloroethane	3.009	64	351838	52.256	ug/l	98
7) Trichlorofluoromethane	3.371	101	695034	51.649	ug/l	97
8) Diethyl Ether	3.821	74	324292	54.666	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	430747	52.334	ug/l	95
10) Methyl Iodide	4.419	142	580017	52.071	ug/l	98
11) Tert butyl alcohol	5.380	59	558435	293.035	ug/l	97
12) 1,1-Dichloroethene	4.178	96	415161	51.209	ug/l	91
13) Acrolein	4.039	56	470332	304.175	ug/l	100
14) Allyl chloride	4.838	41	1016332	55.293	ug/l #	83
15) Acrylonitrile	5.551	53	1847026	310.592	ug/l	99
16) Acetone	4.285	43	1559465	209.894	ug/l	98
17) Carbon Disulfide	4.527	76	1040909	47.037	ug/l	99
18) Methyl Acetate	4.854	43	1320096	61.423	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1710208	56.804	ug/l	94
20) Methylene Chloride	5.093	84	537808	52.318	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	449566	52.374	ug/l	86
22) Diisopropyl ether	6.498	45	2093934	58.488	ug/l #	90
23) Vinyl Acetate	6.434	43	8176483	294.362	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1012636	54.550	ug/l	98
25) 2-Butanone	7.335	43	2579371	275.722	ug/l	92
26) 2,2-Dichloropropane	7.324	77	695454	47.490	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	556377	54.321	ug/l	87
28) Bromochloromethane	7.657	49	517847	57.041	ug/l #	76
29) Tetrahydrofuran	7.683	42	1721582	308.444	ug/l	87
30) Chloroform	7.817	83	963049	53.776	ug/l	100
31) Cyclohexane	8.094	56	935346	51.788	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	783169	51.866	ug/l	97
36) 1,1-Dichloropropene	8.220	75	701454	53.031	ug/l	96
37) Ethyl Acetate	7.412	43	993425	57.942	ug/l	97
38) Carbon Tetrachloride	8.204	117	641198	50.766	ug/l	100
39) Methylcyclohexane	9.459	83	839418	52.419	ug/l	88
40) Benzene	8.458	78	2231391	55.026	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	527736	61.539	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	771131	50.591	ug/l	100
43) Isopropyl Acetate	8.560	43	1674334	61.940	ug/l #	93
44) Trichloroethene	9.215	130	497292	51.611	ug/l	91
45) 1,2-Dichloropropane	9.488	63	632339	57.915	ug/l	99
46) Dibromomethane	9.574	93	369456	54.418	ug/l	95
47) Bromodichloromethane	9.759	83	747595	55.456	ug/l	99
48) Methyl methacrylate	9.558	41	737156	57.171	ug/l #	83
49) 1,4-Dioxane	9.569	88	217628	1153.044	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5299805	312.017	ug/l	98
52) Toluene	10.505	92	1371442	55.873	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	829862	56.863	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	907596	57.489	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	552589	56.899	ug/l	96
56) Ethyl methacrylate	10.760	69	988089	61.575	ug/l	87
57) 1,3-Dichloropropane	11.044	76	984851	57.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1149655	278.222	ug/l	90
59) 2-Hexanone	11.084	43	3789349	305.921	ug/l	97
60) Dibromochloromethane	11.237	129	535745	56.539	ug/l	100
61) 1,2-Dibromoethane	11.344	107	556645	56.449	ug/l	99
64) Tetrachloroethene	10.977	164	434904	48.121	ug/l	96
65) Chlorobenzene	11.768	112	1427513	53.906	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	513008	54.265	ug/l	98
67) Ethyl Benzene	11.843	91	2676752	55.168	ug/l	96
68) m/p-Xylenes	11.950	106	1961632	111.068	ug/l	92
69) o-Xylene	12.278	106	988424	56.265	ug/l	92
70) Styrene	12.294	104	1646148	59.206	ug/l	96
71) Bromoform	12.457	173	408826	58.269	ug/l #	100
73) Isopropylbenzene	12.575	105	2595013	52.790	ug/l	98
74) N-amyl acetate	12.388	43	1183506	57.260	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	885947	55.598	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	772939m	49.359	ug/l	
77) Bromobenzene	12.860	156	598248	53.009	ug/l	76
78) n-propylbenzene	12.919	91	2980522	54.723	ug/l	96
79) 2-Chlorotoluene	13.004	91	1843182	52.743	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2131557	54.111	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	262746	60.644	ug/l	92
82) 4-Chlorotoluene	13.104	91	1745335	53.317	ug/l	92
83) tert-Butylbenzene	13.321	119	1870898	53.937	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2099742	55.355	ug/l	97
85) sec-Butylbenzene	13.501	105	2607131	55.362	ug/l	97
86) p-Isopropyltoluene	13.613	119	2065471	55.834	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	995740	52.705	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	950485	51.002	ug/l	97
89) n-Butylbenzene	13.940	91	1733274	56.173	ug/l	97
90) Hexachloroethane	14.209	117	360558	56.104	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	964407	52.071	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	154259	54.170	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	484408	55.508	ug/l	98
94) Hexachlorobutadiene	15.367	225	292920	57.754	ug/l	99
95) Naphthalene	15.504	128	1320243	54.570	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	472914	56.544	ug/l	99

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

