

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070104.D
 Acq On : 15 Dec 2021 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 05:37:09 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1095577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1773054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1657940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	729589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	826421	48.855	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.720%		
35) Dibromofluoromethane	8.021	113	560347	50.454	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.900%		
50) Toluene-d8	10.440	98	2208997	49.535	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.728	95	836953	51.806	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	573094	44.849	ug/l	99
3) Chloromethane	2.303	50	687416	42.940	ug/l	100
4) Vinyl Chloride	2.448	62	647088	43.960	ug/l	99
5) Bromomethane	2.837	94	341275	42.674	ug/l	100
6) Chloroethane	3.011	64	387292	42.936	ug/l	98
7) Trichlorofluoromethane	3.373	101	838844	43.420	ug/l	99
8) Diethyl Ether	3.821	74	367023	49.326	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	530059	48.945	ug/l	97
10) Methyl Iodide	4.417	142	699271	47.265	ug/l	99
11) Tert butyl alcohol	5.377	59	638167m	199.584	ug/l	
12) 1,1-Dichloroethene	4.178	96	482964	46.279	ug/l	87
13) Acrolein	4.039	56	674210	247.604	ug/l	98
14) Allyl chloride	4.838	41	1148710	48.849	ug/l	91
15) Acrylonitrile	5.551	53	1902171	220.770	ug/l	99
16) Acetone	4.285	43	2255104	221.619	ug/l	97
17) Carbon Disulfide	4.527	76	1132008	41.987	ug/l	98
18) Methyl Acetate	4.851	43	1366126	44.478	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	2033594	50.117	ug/l	97
20) Methylene Chloride	5.090	84	610474	45.129	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	520810	45.947	ug/l	85
22) Diisopropyl ether	6.495	45	2384885	51.887	ug/l #	93
23) Vinyl Acetate	6.431	43	9481434	253.559	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1169635	49.125	ug/l	98
25) 2-Butanone	7.332	43	3000499	217.024	ug/l	91
26) 2,2-Dichloropropane	7.324	77	923536	49.889	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	651931	47.605	ug/l	85
28) Bromochloromethane	7.657	49	646984	52.256	ug/l #	77
29) Tetrahydrofuran	7.683	42	1810525	215.660	ug/l	88
30) Chloroform	7.817	83	1161776	48.315	ug/l	99
31) Cyclohexane	8.094	56	1075565	45.689	ug/l	87
32) 1,1,1-Trichloroethane	8.011	97	962962	47.014	ug/l	96
36) 1,1-Dichloropropene	8.220	75	835405	49.494	ug/l	96
37) Ethyl Acetate	7.412	43	1124548	44.763	ug/l	95
38) Carbon Tetrachloride	8.204	117	779103	47.070	ug/l	99
39) Methylcyclohexane	9.459	83	1002230	49.919	ug/l	89
40) Benzene	8.458	78	2517102	48.788	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	563068	47.745	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1014777	48.725	ug/l	97
43) Isopropyl Acetate	8.560	43	1798376	48.374	ug/l #	94
44) Trichloroethene	9.215	130	599257	48.665	ug/l	91
45) 1,2-Dichloropropane	9.488	63	710110	51.255	ug/l	97
46) Dibromomethane	9.574	93	439160	48.333	ug/l	93
47) Bromodichloromethane	9.759	83	886176	51.512	ug/l	100
48) Methyl methacrylate	9.558	41	835655	48.166	ug/l	88
49) 1,4-Dioxane	9.569	88	257592	827.466	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5805883	240.733	ug/l	95
52) Toluene	10.505	92	1560761	49.551	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	973468	47.206	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	1057561	48.746	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	633423	49.841	ug/l	97
56) Ethyl methacrylate	10.760	69	1086226	45.512	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1127579	50.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1178398	186.979	ug/l	91
59) 2-Hexanone	11.084	43	4230252	231.869	ug/l	93
60) Dibromochloromethane	11.237	129	622652	45.929	ug/l	100
61) 1,2-Dibromoethane	11.344	107	639517	48.583	ug/l	99
64) Tetrachloroethene	10.977	164	537569	47.818	ug/l	95
65) Chlorobenzene	11.768	112	1648776	49.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	590264	49.860	ug/l	100
67) Ethyl Benzene	11.843	91	3127364	51.187	ug/l	96
68) m/p-Xylenes	11.950	106	2273516	102.200	ug/l	92
69) o-Xylene	12.280	106	1142305	50.979	ug/l	91
70) Styrene	12.294	104	1879981	52.910	ug/l	95
71) Bromoform	12.457	173	442506	44.047	ug/l #	99
73) Isopropylbenzene	12.578	105	3032932	46.723	ug/l	98
74) N-amyl acetate	12.388	43	1337690	46.598	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	983277	43.804	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	898652m	42.951	ug/l	
77) Bromobenzene	12.860	156	687045	45.060	ug/l	77
78) n-propylbenzene	12.919	91	3559847	49.282	ug/l	96
79) 2-Chlorotoluene	13.007	91	2147010	47.040	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2495778	47.769	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	271285	43.050	ug/l	94
82) 4-Chlorotoluene	13.104	91	2095781	48.826	ug/l	92
83) tert-Butylbenzene	13.321	119	2177315	47.063	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2435697	48.951	ug/l	98
85) sec-Butylbenzene	13.501	105	3085450	49.169	ug/l	97
86) p-Isopropyltoluene	13.613	119	2495808	50.882	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1208660	48.253	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1174674	47.720	ug/l	97
89) n-Butylbenzene	13.940	91	2109923	53.027	ug/l	97
90) Hexachloroethane	14.209	117	390626	45.359	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1155608	47.349	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172688	42.574	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	572701	47.968	ug/l	98
94) Hexachlorobutadiene	15.367	225	337453	52.171	ug/l	98
95) Naphthalene	15.504	128	1518497	43.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	558682	47.993	ug/l	98

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

