

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069675.D
 Acq On : 29 Nov 2021 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:19:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1219014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2006660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1855730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	777724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	849432	48.058	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.120%		
35) Dibromofluoromethane	8.021	113	600498	49.896	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.800%		
50) Toluene-d8	10.440	98	2266968	47.893	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.731	95	849868	48.875	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	550438	42.265	ug/l	98
3) Chloromethane	2.303	50	622898	41.242	ug/l	99
4) Vinyl Chloride	2.448	62	627105	41.467	ug/l	97
5) Bromomethane	2.845	94	410746	41.821	ug/l	99
6) Chloroethane	3.017	64	391427	38.346	ug/l	98
7) Trichlorofluoromethane	3.376	101	907777	38.839	ug/l	98
8) Diethyl Ether	3.824	74	376283	49.760	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.208	101	536350	48.716	ug/l	96
10) Methyl Iodide	4.419	142	690793	51.155	ug/l	98
11) Tert butyl alcohol	5.374	59	633260	198.828	ug/l	98
12) 1,1-Dichloroethene	4.181	96	473136	47.888	ug/l	90
13) Acrolein	4.041	56	129128	287.289	ug/l	97
14) Allyl chloride	4.840	41	1100195	50.366	ug/l	94
15) Acrylonitrile	5.554	53	2039803	250.093	ug/l	99
16) Acetone	4.285	43	2002015	209.933	ug/l	97
17) Carbon Disulfide	4.529	76	847163	36.274	ug/l	99
18) Methyl Acetate	4.854	43	1480647	47.763	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	2209068	52.832	ug/l	97
20) Methylene Chloride	5.095	84	630781	46.645	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	512501	46.442	ug/l	89
22) Diisopropyl ether	6.498	45	2501189	53.155	ug/l	93
23) Vinyl Acetate	6.434	43	9544114	262.248	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1209123	50.450	ug/l	98
25) 2-Butanone	7.335	43	2997356	232.117	ug/l	92
26) 2,2-Dichloropropane	7.327	77	945802	50.438	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	685891	50.139	ug/l	86
28) Bromochloromethane	7.657	49	642259	52.329	ug/l #	81
29) Tetrahydrofuran	7.683	42	1892631	238.834	ug/l	90
30) Chloroform	7.817	83	1262699	51.391	ug/l	100
31) Cyclohexane	8.094	56	1012446	41.928	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	1048655	51.131	ug/l	96
36) 1,1-Dichloropropene	8.222	75	833662	49.374	ug/l	96
37) Ethyl Acetate	7.412	43	1179449	51.675	ug/l	96
38) Carbon Tetrachloride	8.206	117	846565	51.932	ug/l	99
39) Methylcyclohexane	9.459	83	964687	45.928	ug/l	91
40) Benzene	8.458	78	2582837	49.558	ug/l	99

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41) Methacrylonitrile	7.638	41	618793	52.468	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1086043	53.219	ug/l	97
43) Isopropyl Acetate	8.560	43	1948763	53.156	ug/l #	94
44) Trichloroethene	9.215	130	628400	50.380	ug/l	91
45) 1,2-Dichloropropane	9.491	63	752753	54.060	ug/l	99
46) Dibromomethane	9.577	93	474922	50.921	ug/l	94
47) Bromodichloromethane	9.762	83	966290	55.521	ug/l	99
48) Methyl methacrylate	9.558	41	891123	51.664	ug/l	91
49) 1,4-Dioxane	9.566	88	248836	738.595	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	6253159	264.250	ug/l	96
52) Toluene	10.505	92	1656017	51.004	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1030403	48.250	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1110801	49.286	ug/l #	90
55) 1,1,2-Trichloroethane	10.896	97	708628	54.143	ug/l	98
56) Ethyl methacrylate	10.760	69	1200292	48.718	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1229044	53.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1416360	225.756	ug/l	92
59) 2-Hexanone	11.084	43	4300451	216.339	ug/l	93
60) Dibromochloromethane	11.237	129	712074	49.590	ug/l	100
61) 1,2-Dibromoethane	11.344	107	710953	48.695	ug/l	99
64) Tetrachloroethene	10.977	164	568514	50.737	ug/l	95
65) Chlorobenzene	11.768	112	1817457	52.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	688148	57.437	ug/l	100
67) Ethyl Benzene	11.843	91	3328669	52.251	ug/l	97
68) m/p-Xylenes	11.950	106	2415179	103.080	ug/l	93
69) o-Xylene	12.280	106	1228834	52.608	ug/l	93
70) Styrene	12.294	104	2021868	48.265	ug/l	96
71) Bromoform	12.457	173	504753	48.621	ug/l #	100
73) Isopropylbenzene	12.578	105	3312924	53.501	ug/l	99
74) N-amyl acetate	12.388	43	1368019	52.130	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1077709	51.602	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	966206m	53.833	ug/l	
77) Bromobenzene	12.860	156	757104	53.461	ug/l	81
78) n-propylbenzene	12.919	91	3754099	53.878	ug/l	97
79) 2-Chlorotoluene	13.007	91	2294613	53.187	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2738467	54.704	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	276709	46.367	ug/l	93
82) 4-Chlorotoluene	13.104	91	2178555	52.972	ug/l	93
83) tert-Butylbenzene	13.324	119	2397185	54.645	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2845855	58.887	ug/l	98
85) sec-Butylbenzene	13.501	105	3291489	53.712	ug/l	98
86) p-Isopropyltoluene	13.616	119	2610893	53.670	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1266927	51.600	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1223638	50.801	ug/l	97
89) n-Butylbenzene	13.940	91	2151932	53.046	ug/l	98
90) Hexachloroethane	14.211	117	458075	51.176	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1239683	53.061	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	184933	47.713	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	556830	45.767	ug/l	97
94) Hexachlorobutadiene	15.370	225	334890	55.165	ug/l	98
95) Naphthalene	15.504	128	1883526	54.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	529758	45.556	ug/l	99

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

