

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069521.D
 Acq On : 16 Nov 2021 20:40
 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 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 01:01:47 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	1113433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1845326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1697823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	762011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	789398	48.897	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.800%		
35) Dibromofluoromethane	8.021	113	561182	50.705	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.420%		
50) Toluene-d8	10.440	98	2168330	49.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.731	95	790939	49.463	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	493722	41.505	ug/l	99
3) Chloromethane	2.303	50	545134	39.516	ug/l	98
4) Vinyl Chloride	2.445	62	563739	40.812	ug/l	99
5) Bromomethane	2.845	94	325780	36.315	ug/l	95
6) Chloroethane	3.014	64	362418	38.871	ug/l	98
7) Trichlorofluoromethane	3.373	101	844836	39.574	ug/l	99
8) Diethyl Ether	3.824	74	299740	43.396	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	437952	43.550	ug/l	94
10) Methyl Iodide	4.419	142	563790	45.709	ug/l	97
11) Tert butyl alcohol	5.377	59	589978	202.803	ug/l	99
12) 1,1-Dichloroethene	4.178	96	394772	43.745	ug/l	93
13) Acrolein	4.038	56	88573	214.056	ug/l	99
14) Allyl chloride	4.840	41	879548	44.083	ug/l	94
15) Acrylonitrile	5.556	53	1721259	231.049	ug/l	99
16) Acetone	4.288	43	1625237	186.584	ug/l	97
17) Carbon Disulfide	4.529	76	764864	35.856	ug/l	99
18) Methyl Acetate	4.854	43	1237771	43.714	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1783753	46.705	ug/l	97
20) Methylene Chloride	5.092	84	530705	42.966	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	446771	44.324	ug/l	89
22) Diisopropyl ether	6.498	45	2042817	47.531	ug/l	94
23) Vinyl Acetate	6.433	43	7870626	236.772	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1000213	45.691	ug/l	99
25) 2-Butanone	7.337	43	2550460	216.238	ug/l	92
26) 2,2-Dichloropropane	7.327	77	729183	42.573	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	577486	46.217	ug/l	90
28) Bromochloromethane	7.656	49	565280	50.424	ug/l #	81
29) Tetrahydrofuran	7.686	42	1659923	229.331	ug/l	90
30) Chloroform	7.817	83	1045667	46.593	ug/l	99
31) Cyclohexane	8.094	56	884592	40.107	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	862994	46.069	ug/l	95
36) 1,1-Dichloropropene	8.222	75	706459	45.498	ug/l	97
37) Ethyl Acetate	7.412	43	996097	47.457	ug/l	97
38) Carbon Tetrachloride	8.206	117	701979	46.828	ug/l	97
39) Methylcyclohexane	9.459	83	845040	43.749	ug/l	91
40) Benzene	8.458	78	2225586	46.437	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	501907	46.278	ug/l	92
42) 1,2-Dichloroethane	8.528	62	893728	47.624	ug/l	97
43) Isopropyl Acetate	8.560	43	1592574	47.238	ug/l	95
44) Trichloroethene	9.217	130	541380	47.198	ug/l	94
45) 1,2-Dichloropropane	9.491	63	622423	48.608	ug/l	99
46) Dibromomethane	9.577	93	400397	46.684	ug/l	93
47) Bromodichloromethane	9.762	83	786710	49.155	ug/l	99
48) Methyl methacrylate	9.561	41	735904	46.395	ug/l	91
49) 1,4-Dioxane	9.569	88	253615	814.364	ug/l #	90
51) 4-Methyl-2-Pentanone	10.330	43	5338267	245.310	ug/l	96
52) Toluene	10.505	92	1407581	47.143	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	809072	41.584	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	891184	43.220	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	593702	49.328	ug/l	98
56) Ethyl methacrylate	10.762	69	976980	43.357	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1027597	48.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1146501	201.446	ug/l	93
59) 2-Hexanone	11.084	43	3812731	208.858	ug/l	93
60) Dibromochloromethane	11.237	129	563911	43.041	ug/l	100
61) 1,2-Dibromoethane	11.344	107	601189	44.863	ug/l	98
64) Tetrachloroethene	10.977	164	482434	47.059	ug/l	95
65) Chlorobenzene	11.771	112	1525298	48.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	563729	51.429	ug/l	99
67) Ethyl Benzene	11.843	91	2816008	48.315	ug/l	97
68) m/p-Xylenes	11.953	106	2059808	96.089	ug/l	93
69) o-Xylene	12.280	106	1045556	48.925	ug/l	92
70) Styrene	12.294	104	1735718	45.381	ug/l	96
71) Bromoform	12.460	173	397547	42.333	ug/l #	100
73) Isopropylbenzene	12.578	105	2803433	46.206	ug/l	99
74) N-amyl acetate	12.387	43	1232489	47.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	947211	46.289	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	862710m	49.058	ug/l	
77) Bromobenzene	12.859	156	650978	46.915	ug/l	81
78) n-propylbenzene	12.921	91	3166023	46.375	ug/l	96
79) 2-Chlorotoluene	13.007	91	1930015	45.659	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2285036	46.587	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	228433	39.978	ug/l	90
82) 4-Chlorotoluene	13.106	91	1865995	46.308	ug/l	93
83) tert-Butylbenzene	13.323	119	2072271	48.213	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2258415	47.695	ug/l	98
85) sec-Butylbenzene	13.500	105	2837027	47.251	ug/l	98
86) p-Isopropyltoluene	13.616	119	2274468	47.719	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1117122	46.437	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1075153	45.557	ug/l	97
89) n-Butylbenzene	13.943	91	1813075	45.615	ug/l	98
90) Hexachloroethane	14.211	117	376032	43.227	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	1112414	48.595	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	162986	43.098	ug/l	81
93) 1,2,4-Trichlorobenzene	15.262	180	474194	40.186	ug/l	98
94) Hexachlorobutadiene	15.370	225	280062	47.085	ug/l	99
95) Naphthalene	15.507	128	1272681	38.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	469096	41.476	ug/l	99

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

