

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069347.D
 Acq On : 2 Nov 2021 15:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 00:48:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	232693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	397407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	383099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	183642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	172336	51.305	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.620%			
35) Dibromofluoromethane	8.021	113	125953	50.843	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.680%			
50) Toluene-d8	10.440	98	515184	52.013	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.020%			
62) 4-Bromofluorobenzene	12.731	95	198198	53.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	130098	47.750	ug/l	100
3) Chloromethane	2.303	50	132260	47.505	ug/l	99
4) Vinyl Chloride	2.445	62	159063	47.207	ug/l	99
5) Bromomethane	2.853	94	104106	53.212	ug/l	99
6) Chloroethane	3.019	64	102887	50.742	ug/l	100
7) Trichlorofluoromethane	3.376	101	252834	61.264	ug/l	100
8) Diethyl Ether	3.821	74	78869	53.724	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.205	101	117638	53.738	ug/l	98
10) Methyl Iodide	4.414	142	112209	35.787	ug/l	96
11) Tert butyl alcohol	5.377	59	129944	201.741	ug/l	99
12) 1,1-Dichloroethene	4.178	96	107087	51.165	ug/l	95
13) Acrolein	4.038	56	20354	137.601	ug/l	95
14) Allyl chloride	4.838	41	183095	49.451	ug/l	95
15) Acrylonitrile	5.556	53	342725	241.886	ug/l	99
16) Acetone	4.285	43	364634	254.785	ug/l	99
17) Carbon Disulfide	4.527	76	255761	45.891	ug/l	99
18) Methyl Acetate	4.856	43	232674	47.841	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	411677	49.992	ug/l	100
20) Methylene Chloride	5.092	84	129328	47.113	ug/l	99
21) trans-1,2-Dichloroethene	5.594	96	116614	49.344	ug/l	99
22) Diisopropyl ether	6.498	45	405294	47.060	ug/l	98
23) Vinyl Acetate	6.433	43	1562554	228.776	ug/l	99
24) 1,1-Dichloroethane	6.385	63	228343	51.601	ug/l	100
25) 2-Butanone	7.335	43	497797	227.108	ug/l	99
26) 2,2-Dichloropropane	7.324	77	200200	46.139	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	141421	50.645	ug/l	97
28) Bromochloromethane	7.656	49	114155	51.488	ug/l	99
29) Tetrahydrofuran	7.686	42	303607	215.767	ug/l	97
30) Chloroform	7.817	83	249362	51.837	ug/l	97
31) Cyclohexane	8.094	56	217501	48.381	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	217756	46.311	ug/l	98
36) 1,1-Dichloropropene	8.220	75	185664	54.191	ug/l	98
37) Ethyl Acetate	7.412	43	192310	49.257	ug/l	99
38) Carbon Tetrachloride	8.206	117	182689	46.814	ug/l	99
39) Methylcyclohexane	9.459	83	232654	54.843	ug/l	97
40) Benzene	8.458	78	541560	52.553	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	93240	48.443	ug/l	93
42) 1,2-Dichloroethane	8.531	62	206215	53.175	ug/l	99
43) Isopropyl Acetate	8.560	43	316552	46.523	ug/l	98
44) Trichloroethene	9.217	130	134184	51.710	ug/l	98
45) 1,2-Dichloropropane	9.491	63	138799	52.904	ug/l	100
46) Dibromomethane	9.577	93	98683	52.941	ug/l	96
47) Bromodichloromethane	9.762	83	189680	47.576	ug/l	97
48) Methyl methacrylate	9.561	41	150770	51.167	ug/l	95
49) 1,4-Dioxane	9.569	88	60912	858.553	ug/l	94
51) 4-Methyl-2-Pentanone	10.330	43	994811	225.114	ug/l	100
52) Toluene	10.505	92	352886	52.215	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	208727	46.247	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	222969	47.513	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	138516	51.087	ug/l	100
56) Ethyl methacrylate	10.762	69	225245	45.377	ug/l	99
57) 1,3-Dichloropropane	11.044	76	236466	52.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	303564	220.951	ug/l	99
59) 2-Hexanone	11.084	43	741092	219.682	ug/l	100
60) Dibromochloromethane	11.240	129	140028	45.546	ug/l	98
61) 1,2-Dibromoethane	11.347	107	145981	47.196	ug/l	99
64) Tetrachloroethene	10.977	164	114477	46.782	ug/l	93
65) Chlorobenzene	11.771	112	377788	50.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	134069	46.051	ug/l	99
67) Ethyl Benzene	11.846	91	709850	51.683	ug/l	100
68) m/p-Xylenes	11.953	106	531911	103.968	ug/l	99
69) o-Xylene	12.280	106	259743	50.445	ug/l	98
70) Styrene	12.294	104	436056	46.696	ug/l	100
71) Bromoform	12.460	173	93090	39.819	ug/l #	98
73) Isopropylbenzene	12.578	105	695529	45.058	ug/l	100
74) N-amyl acetate	12.387	43	261017	42.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	214129	43.455	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	200374m	41.486	ug/l	
77) Bromobenzene	12.862	156	152856	42.211	ug/l	97
78) n-propylbenzene	12.921	91	833431	47.698	ug/l	99
79) 2-Chlorotoluene	13.007	91	490286	44.553	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	582820	45.479	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	62582	39.149	ug/l	91
82) 4-Chlorotoluene	13.106	91	492129	45.342	ug/l	99
83) tert-Butylbenzene	13.323	119	502221	44.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	576318	45.981	ug/l	99
85) sec-Butylbenzene	13.503	105	731590	47.227	ug/l	99
86) p-Isopropyltoluene	13.616	119	603650	48.861	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	286047	45.150	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	283050	46.017	ug/l	99
89) n-Butylbenzene	13.943	91	527976	50.464	ug/l	99
90) Hexachloroethane	14.211	117	97429	40.233	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	270437	43.814	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	40741	40.211	ug/l	93
93) 1,2,4-Trichlorobenzene	15.265	180	135623	45.698	ug/l	99
94) Hexachlorobutadiene	15.370	225	68686	45.221	ug/l	100
95) Naphthalene	15.507	128	365571	40.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	127792	44.138	ug/l	99

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

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