

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070534.D
 Acq On : 6 Jan 2022 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:44:19 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	884412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1483873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1386277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	613064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	620269	48.778	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.560%		
35) Dibromofluoromethane	8.021	113	461093	51.357	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.720%		
50) Toluene-d8	10.440	98	1887167	51.454	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.900%		
62) 4-Bromofluorobenzene	12.728	95	702941	53.065	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	447586	44.626	ug/l	98
3) Chloromethane	2.303	50	650085	47.648	ug/l	100
4) Vinyl Chloride	2.448	62	588836	47.403	ug/l	97
5) Bromomethane	2.853	94	317739	49.559	ug/l	99
6) Chloroethane	3.019	64	358067	47.866	ug/l	97
7) Trichlorofluoromethane	3.379	101	705541	47.189	ug/l	99
8) Diethyl Ether	3.824	74	341087	51.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	459431	50.240	ug/l	95
10) Methyl Iodide	4.422	142	633405	51.181	ug/l	98
11) Tert butyl alcohol	5.371	59	484796	228.969	ug/l	99
12) 1,1-Dichloroethene	4.181	96	440594	48.915	ug/l	92
13) Acrolein	4.041	56	335418	195.243	ug/l	98
14) Allyl chloride	4.840	41	1055810	51.700	ug/l #	84
15) Acrylonitrile	5.551	53	1814931	274.693	ug/l	99
16) Acetone	4.285	43	1596662	193.423	ug/l	98
17) Carbon Disulfide	4.529	76	1114168	45.316	ug/l	99
18) Methyl Acetate	4.854	43	1278232	53.531	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1761762	52.668	ug/l	94
20) Methylene Chloride	5.095	84	570482	49.950	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	474784	49.784	ug/l #	85
22) Diisopropyl ether	6.495	45	2185474	54.944	ug/l #	91
23) Vinyl Acetate	6.433	43	8471860	274.513	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1060991	51.443	ug/l	98
25) 2-Butanone	7.335	43	2528660	243.286	ug/l	92
26) 2,2-Dichloropropane	7.324	77	735428	45.200	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	589398	51.794	ug/l	87
28) Bromochloromethane	7.656	49	571836	56.693	ug/l #	76
29) Tetrahydrofuran	7.683	42	1702098	274.475	ug/l #	86
30) Chloroform	7.817	83	1000229	50.270	ug/l	100
31) Cyclohexane	8.094	56	1007283	50.197	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	817275	48.715	ug/l	97
36) 1,1-Dichloropropene	8.220	75	732372	49.310	ug/l	97
37) Ethyl Acetate	7.412	43	1005677	52.238	ug/l	97
38) Carbon Tetrachloride	8.204	117	656671	46.302	ug/l	99
39) Methylcyclohexane	9.459	83	900039	50.055	ug/l	89
40) Benzene	8.458	78	2346895	51.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	543265	56.418	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	818223	47.807	ug/l	99
43) Isopropyl Acetate	8.558	43	1635645	53.888	ug/l #	94
44) Trichloroethene	9.215	130	529833	48.971	ug/l	94
45) 1,2-Dichloropropane	9.488	63	662711	54.056	ug/l	99
46) Dibromomethane	9.574	93	383569	50.315	ug/l	94
47) Bromodichloromethane	9.762	83	771295	50.954	ug/l	99
48) Methyl methacrylate	9.558	41	800854	55.316	ug/l #	79
49) 1,4-Dioxane	9.566	88	210408	992.816	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5208645	273.099	ug/l	97
52) Toluene	10.502	92	1436808	52.131	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	849230	51.823	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	945847	53.357	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	571372	52.396	ug/l	97
56) Ethyl methacrylate	10.759	69	1000030	55.500	ug/l	88
57) 1,3-Dichloropropane	11.041	76	1029543	53.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1200710	260.077	ug/l	90
59) 2-Hexanone	11.081	43	3711853	266.877	ug/l	96
60) Dibromochloromethane	11.237	129	553400	52.013	ug/l	100
61) 1,2-Dibromoethane	11.344	107	576062	52.026	ug/l	99
64) Tetrachloroethene	10.974	164	450861	44.913	ug/l	97
65) Chlorobenzene	11.768	112	1499705	50.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	527703	50.254	ug/l	99
67) Ethyl Benzene	11.843	91	2803807	52.026	ug/l	97
68) m/p-Xylenes	11.950	106	2073139	105.679	ug/l	94
69) o-Xylene	12.277	106	1044026	53.505	ug/l	93
70) Styrene	12.291	104	1712532	55.453	ug/l	97
71) Bromoform	12.454	173	413891	53.110	ug/l #	100
73) Isopropylbenzene	12.575	105	2719002	47.759	ug/l	98
74) N-amyl acetate	12.385	43	1251141	52.266	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	933580	50.014	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	833855m	46.165	ug/l	
77) Bromobenzene	12.857	156	622575	47.631	ug/l	78
78) n-propylbenzene	12.918	91	3111102	49.320	ug/l	96
79) 2-Chlorotoluene	13.004	91	1914784	47.309	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2217001	48.594	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	260275	51.870	ug/l	94
82) 4-Chlorotoluene	13.104	91	1828937	48.241	ug/l	92
83) tert-Butylbenzene	13.321	119	1965897	48.937	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2176999	49.555	ug/l	98
85) sec-Butylbenzene	13.500	105	2729892	50.052	ug/l	98
86) p-Isopropyltoluene	13.613	119	2171484	50.684	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	1070056	48.904	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	1038981	48.137	ug/l	97
89) n-Butylbenzene	13.940	91	1804517	50.496	ug/l	97
90) Hexachloroethane	14.208	117	363341	48.817	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	1046773	48.800	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	157994	47.905	ug/l	82
93) 1,2,4-Trichlorobenzene	15.262	180	510536	50.513	ug/l	99
94) Hexachlorobutadiene	15.367	225	300945	51.233	ug/l	99
95) Naphthalene	15.504	128	1420347	50.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	499865	51.677	ug/l	98

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

