

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070866.D
 Acq On : 31 Jan 2022 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/03/2022

Quant Time: Feb 01 05:04:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	936369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1554178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1421724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	599089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	622466	46.385	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.760%		
35) Dibromofluoromethane	8.021	113	467242	48.466	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.940%		
50) Toluene-d8	10.440	98	1890036	46.537	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.080%		
62) 4-Bromofluorobenzene	12.728	95	675604	46.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	380482	35.164	ug/l	98
3) Chloromethane	2.303	50	539419	34.106	ug/l	98
4) Vinyl Chloride	2.451	62	534516	35.533	ug/l	100
5) Bromomethane	2.850	94	232783	29.712	ug/l	98
6) Chloroethane	3.019	64	235454	25.082	ug/l	97
7) Trichlorofluoromethane	3.379	101	549230	31.961	ug/l	99
8) Diethyl Ether	3.824	74	318177	42.386	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.213	101	422497	40.679	ug/l	95
10) Methyl Iodide	4.422	142	591925	44.196	ug/l	98
11) Tert butyl alcohol	5.372	59	469564	193.948	ug/l	98
12) 1,1-Dichloroethene	4.183	96	421131	40.654	ug/l	94
13) Acrolein	4.041	56	837333	241.148	ug/l	100
14) Allyl chloride	4.841	41	965574	42.781	ug/l	86
15) Acrylonitrile	5.551	53	1640663	213.019	ug/l	99
16) Acetone	4.285	43	1408371	151.207	ug/l	98
17) Carbon Disulfide	4.532	76	1041562	37.022	ug/l	98
18) Methyl Acetate	4.854	43	772916	42.195	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	1690222	45.674	ug/l	95
20) Methylene Chloride	5.095	84	518262	42.242	ug/l	90
21) trans-1,2-Dichloroethene	5.600	96	443678	42.556	ug/l	87
22) Diisopropyl ether	6.495	45	1966777	43.963	ug/l	92
23) Vinyl Acetate	6.431	43	8502720	224.212	ug/l	95
24) 1,1-Dichloroethane	6.388	63	973803	43.516	ug/l	99
25) 2-Butanone	7.335	43	2248426	191.838	ug/l	93
26) 2,2-Dichloropropane	7.324	77	743761	43.350	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	552866	44.640	ug/l	89
28) Bromochloromethane	7.657	49	417085	41.513	ug/l #	79
29) Tetrahydrofuran	7.683	42	1495167	208.342	ug/l	89
30) Chloroform	7.818	83	926590	42.324	ug/l	99
31) Cyclohexane	8.094	56	919554	38.914	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	774409	44.584	ug/l	97
36) 1,1-Dichloropropene	8.220	75	692688	42.680	ug/l	97
37) Ethyl Acetate	7.410	43	898731	41.711	ug/l	98
38) Carbon Tetrachloride	8.206	117	630537	43.671	ug/l	98
39) Methylcyclohexane	9.459	83	836744	41.762	ug/l	91
40) Benzene	8.459	78	2152162	42.796	ug/l	100

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41) Methacrylonitrile	7.635	41	480199	43.806	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	751385	43.091	ug/l	100
43) Isopropyl Acetate	8.558	43	1481447	45.014	ug/l	95
44) Trichloroethene	9.215	130	501603	43.998	ug/l	92
45) 1,2-Dichloropropane	9.488	63	601954	43.994	ug/l	100
46) Dibromomethane	9.577	93	355318	44.662	ug/l	95
47) Bromodichloromethane	9.759	83	719216	44.225	ug/l	99
48) Methyl methacrylate	9.558	41	667182	42.554	ug/l #	86
49) 1,4-Dioxane	9.569	88	180750	767.488	ug/l	86
51) 4-Methyl-2-Pentanone	10.328	43	4634915	220.708	ug/l	99
52) Toluene	10.502	92	1321876	43.943	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	808859	41.446	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	891246	45.697	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	526942	44.591	ug/l	98
56) Ethyl methacrylate	10.757	69	919022	41.310	ug/l	90
57) 1,3-Dichloropropane	11.041	76	936936	44.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1209138	215.296	ug/l	91
59) 2-Hexanone	11.084	43	3236635	212.159	ug/l	97
60) Dibromochloromethane	11.237	129	515816	46.795	ug/l	99
61) 1,2-Dibromoethane	11.344	107	536782	45.242	ug/l	99
64) Tetrachloroethene	10.974	164	420844	40.372	ug/l	95
65) Chlorobenzene	11.768	112	1386763	45.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	497111	46.865	ug/l	98
67) Ethyl Benzene	11.843	91	2609535	45.693	ug/l	97
68) m/p-Xylenes	11.950	106	1901086	91.505	ug/l	94
69) o-Xylene	12.278	106	962019	46.660	ug/l	94
70) Styrene	12.291	104	1569185	47.574	ug/l	96
71) Bromoform	12.455	173	381863	47.659	ug/l #	100
73) Isopropylbenzene	12.575	105	2496054	44.040	ug/l	99
74) N-amyl acetate	12.385	43	1067710	46.075	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	807978	42.212	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	684460m	43.076	ug/l	
77) Bromobenzene	12.857	156	575319	45.274	ug/l	79
78) n-propylbenzene	12.919	91	2850287	44.968	ug/l	97
79) 2-Chlorotoluene	13.004	91	1744603	43.511	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	2051138	44.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	238409	44.700	ug/l	93
82) 4-Chlorotoluene	13.101	91	1654350	44.161	ug/l	92
83) tert-Butylbenzene	13.321	119	1774584	44.479	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2036150	46.217	ug/l	98
85) sec-Butylbenzene	13.498	105	2473362	45.600	ug/l	98
86) p-Isopropyltoluene	13.613	119	1973844	46.325	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	949145	44.901	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	916876	43.585	ug/l	97
89) n-Butylbenzene	13.940	91	1678421	47.749	ug/l	97
90) Hexachloroethane	14.209	117	339287	45.553	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	913347	43.732	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	139876	43.080	ug/l	83
93) 1,2,4-Trichlorobenzene	15.260	180	475717	43.461	ug/l	98
94) Hexachlorobutadiene	15.367	225	280201	45.300	ug/l	99
95) Naphthalene	15.501	128	1506775	48.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	455788	43.525	ug/l	97

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

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