

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070903.D
 Acq On : 2 Feb 2022 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 05:58:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	751297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1258168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1161757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	496868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	500703	49.235	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.480%		
35) Dibromofluoromethane	8.021	113	374095	49.634	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.260%		
50) Toluene-d8	10.440	98	1535379	49.614	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.731	95	565298	50.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	449951	53.976	ug/l	100
3) Chloromethane	2.301	50	589082	55.949	ug/l	100
4) Vinyl Chloride	2.446	62	385004	43.771	ug/l	98
5) Bromomethane	2.837	94	227989	50.678	ug/l	99
6) Chloroethane	3.009	64	226128	56.687	ug/l	98
7) Trichlorofluoromethane	3.371	101	541736	55.152	ug/l	97
8) Diethyl Ether	3.821	74	309006	54.242	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	398941	53.827	ug/l	96
10) Methyl Iodide	4.417	142	595347	54.439	ug/l	97
11) Tert butyl alcohol	5.382	59	613039	286.881	ug/l	98
12) 1,1-Dichloroethene	4.175	96	405067	53.500	ug/l	94
13) Acrolein	4.039	56	607601	258.265	ug/l	99
14) Allyl chloride	4.838	41	946094	54.852	ug/l #	84
15) Acrylonitrile	5.554	53	1707099	286.064	ug/l	99
16) Acetone	4.288	43	1466214	241.119	ug/l	98
17) Carbon Disulfide	4.524	76	1207977	51.372	ug/l	99
18) Methyl Acetate	4.857	43	777843	56.170	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1582767	54.753	ug/l	95
20) Methylene Chloride	5.093	84	488611	52.913	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	428787	53.116	ug/l	87
22) Diisopropyl ether	6.498	45	1813288	54.275	ug/l	91
23) Vinyl Acetate	6.434	43	8205778	277.684	ug/l	95
24) 1,1-Dichloroethane	6.383	63	896727	53.307	ug/l	98
25) 2-Butanone	7.337	43	2420875	275.806	ug/l	93
26) 2,2-Dichloropropane	7.324	77	672419	50.898	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	505379	53.007	ug/l	88
28) Bromochloromethane	7.657	49	357622	48.720	ug/l #	77
29) Tetrahydrofuran	7.686	42	1635450	286.850	ug/l	89
30) Chloroform	7.817	83	838461	52.394	ug/l	100
31) Cyclohexane	8.094	56	896998	51.914	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	717342	53.105	ug/l	98
36) 1,1-Dichloropropene	8.222	75	644048	52.599	ug/l	97
37) Ethyl Acetate	7.415	43	930144	55.117	ug/l	98
38) Carbon Tetrachloride	8.206	117	590039	52.766	ug/l	100
39) Methylcyclohexane	9.459	83	816523	54.245	ug/l	90
40) Benzene	8.459	78	1995943	51.885	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	482960	56.959	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	686865	52.449	ug/l	100
43) Isopropyl Acetate	8.563	43	1446025	50.971	ug/l	96
44) Trichloroethene	9.215	130	458689	51.530	ug/l	92
45) 1,2-Dichloropropane	9.488	63	550984	53.488	ug/l	100
46) Dibromomethane	9.577	93	327697	53.104	ug/l	96
47) Bromodichloromethane	9.762	83	659781	53.080	ug/l	99
48) Methyl methacrylate	9.561	41	703284	57.498	ug/l #	79
49) 1,4-Dioxane	9.569	88	234862	1146.218	ug/l	87
51) 4-Methyl-2-Pentanone	10.331	43	4727126	283.089	ug/l	99
52) Toluene	10.505	92	1234892	51.810	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	754786	53.806	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	818724	53.662	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	478140	52.820	ug/l	98
56) Ethyl methacrylate	10.760	69	872678	55.350	ug/l	89
57) 1,3-Dichloropropane	11.044	76	849740	53.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1011871	238.035	ug/l	91
59) 2-Hexanone	11.084	43	3482072	285.610	ug/l	98
60) Dibromochloromethane	11.237	129	477283	53.160	ug/l	100
61) 1,2-Dibromoethane	11.347	107	496805	53.364	ug/l	99
64) Tetrachloroethene	10.977	164	388796	51.131	ug/l	95
65) Chlorobenzene	11.768	112	1264485	52.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	448246	52.819	ug/l	98
67) Ethyl Benzene	11.843	91	2374534	53.571	ug/l	96
68) m/p-Xylenes	11.953	106	1753565	106.773	ug/l	94
69) o-Xylene	12.280	106	867594	52.783	ug/l	93
70) Styrene	12.294	104	1434640	55.380	ug/l	97
71) Bromoform	12.457	173	371779	53.058	ug/l #	100
73) Isopropylbenzene	12.578	105	2262367	52.187	ug/l	98
74) N-amyl acetate	12.388	43	1080715	55.663	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	786185	52.356	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	585260m	48.937	ug/l	
77) Bromobenzene	12.860	156	520895	50.122	ug/l	77
78) n-propylbenzene	12.919	91	2604837	52.688	ug/l	96
79) 2-Chlorotoluene	13.007	91	1587740	51.647	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1861730	52.977	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	244627	55.445	ug/l	91
82) 4-Chlorotoluene	13.104	91	1544803	52.139	ug/l	92
83) tert-Butylbenzene	13.321	119	1607273	52.443	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	1826981	53.163	ug/l	97
85) sec-Butylbenzene	13.501	105	2275127	53.059	ug/l	97
86) p-Isopropyltoluene	13.613	119	1818336	53.775	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	897095	51.893	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	875992	50.658	ug/l	97
89) n-Butylbenzene	13.940	91	1556394	52.230	ug/l	96
90) Hexachloroethane	14.211	117	316421	52.802	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	858800	51.783	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	148930	54.733	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	469918	51.204	ug/l	98
94) Hexachlorobutadiene	15.367	225	284004	51.275	ug/l	98
95) Naphthalene	15.504	128	1346118	51.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	455497	51.971	ug/l	99

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

