

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070451.D
 Acq On : 3 Jan 2022 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 01:38:57 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	977508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1651279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1562900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	693908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	664370	47.270	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.540%		
35) Dibromofluoromethane	8.019	113	477173	47.760	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.520%		
50) Toluene-d8	10.440	98	1921763	47.085	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.728	95	736748	49.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	511654	46.155	ug/l	97
3) Chloromethane	2.301	50	688954	45.688	ug/l	99
4) Vinyl Chloride	2.448	62	652948	47.558	ug/l	98
5) Bromomethane	2.837	94	312466	44.095	ug/l	98
6) Chloroethane	3.011	64	394823	47.753	ug/l	96
7) Trichlorofluoromethane	3.373	101	760291	46.008	ug/l	96
8) Diethyl Ether	3.821	74	360691	49.513	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	489114	48.392	ug/l	95
10) Methyl Iodide	4.419	142	604782	44.214	ug/l	98
11) Tert butyl alcohol	5.377	59	597212	255.199	ug/l	98
12) 1,1-Dichloroethene	4.178	96	474505	47.663	ug/l	88
13) Acrolein	4.036	56	343570	180.942	ug/l	99
14) Allyl chloride	4.838	41	1116895	49.483	ug/l	88
15) Acrylonitrile	5.551	53	1868000	255.799	ug/l	99
16) Acetone	4.283	43	1730902	189.715	ug/l	99
17) Carbon Disulfide	4.527	76	1197003	44.048	ug/l	99
18) Methyl Acetate	4.851	43	1311475	49.692	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1887456	51.052	ug/l	94
20) Methylene Chloride	5.093	84	600348	47.559	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	511715	48.546	ug/l	85
22) Diisopropyl ether	6.493	45	2296416	52.235	ug/l	92
23) Vinyl Acetate	6.431	43	8804999	258.136	ug/l	95
24) 1,1-Dichloroethane	6.383	63	1129465	49.547	ug/l	98
25) 2-Butanone	7.332	43	2736203	238.183	ug/l	91
26) 2,2-Dichloropropane	7.324	77	779915	43.369	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	622632	49.504	ug/l	87
28) Bromochloromethane	7.654	49	551639	49.482	ug/l #	76
29) Tetrahydrofuran	7.681	42	1779804	259.672	ug/l	87
30) Chloroform	7.815	83	1081624	49.184	ug/l	100
31) Cyclohexane	8.094	56	1066121	48.069	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	885393	47.749	ug/l	97
36) 1,1-Dichloropropene	8.220	75	797782	48.269	ug/l	97
37) Ethyl Acetate	7.410	43	1056691	49.324	ug/l	97
38) Carbon Tetrachloride	8.204	117	706523	44.767	ug/l	99
39) Methylcyclohexane	9.456	83	963393	48.147	ug/l	89
40) Benzene	8.456	78	2472902	48.803	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	556119	51.898	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	904508	47.491	ug/l	98
43) Isopropyl Acetate	8.558	43	1680440	49.751	ug/l #	95
44) Trichloroethene	9.215	130	572690	47.566	ug/l	93
45) 1,2-Dichloropropane	9.486	63	684301	50.158	ug/l	99
46) Dibromomethane	9.574	93	411410	48.496	ug/l	93
47) Bromodichloromethane	9.759	83	810186	48.097	ug/l	100
48) Methyl methacrylate	9.555	41	851762	52.867	ug/l #	80
49) 1,4-Dioxane	9.566	88	253319	1074.115	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	5518389	260.006	ug/l	97
52) Toluene	10.502	92	1516250	49.437	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	889093	48.755	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	993269	50.351	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	598564	49.325	ug/l	97
56) Ethyl methacrylate	10.760	69	1066616	53.194	ug/l	89
57) 1,3-Dichloropropane	11.041	76	1079911	50.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1152593	226.889	ug/l	90
59) 2-Hexanone	11.081	43	3920549	253.305	ug/l	95
60) Dibromochloromethane	11.237	129	569403	48.091	ug/l	99
61) 1,2-Dibromoethane	11.344	107	606293	49.205	ug/l	99
64) Tetrachloroethene	10.974	164	498135	44.014	ug/l	96
65) Chlorobenzene	11.768	112	1591998	48.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	544278	45.975	ug/l	98
67) Ethyl Benzene	11.843	91	3020104	49.706	ug/l	96
68) m/p-Xylenes	11.950	106	2209271	99.892	ug/l	91
69) o-Xylene	12.278	106	1125600	51.167	ug/l	93
70) Styrene	12.291	104	1846499	53.034	ug/l	96
71) Bromoform	12.455	173	438538	49.913	ug/l #	97
73) Isopropylbenzene	12.575	105	2945447	45.709	ug/l	99
74) N-amyl acetate	12.385	43	1373481	50.692	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.825	83	929261	43.416	ug/l #	96
76) 1,2,3-Trichloropropane	12.878	75	939037m	45.945	ug/l	
77) Bromobenzene	12.857	156	669615	45.262	ug/l	77
78) n-propylbenzene	12.919	91	3352521	46.956	ug/l	96
79) 2-Chlorotoluene	13.004	91	2049787	44.744	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	2369557	45.887	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	248265	43.712	ug/l	96
82) 4-Chlorotoluene	13.101	91	1951553	45.478	ug/l	92
83) tert-Butylbenzene	13.321	119	2141556	47.098	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2370179	47.666	ug/l	97
85) sec-Butylbenzene	13.498	105	2916557	47.245	ug/l	98
86) p-Isopropyltoluene	13.613	119	2376391	49.005	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1109007	44.779	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1081072	44.252	ug/l	97
89) n-Butylbenzene	13.938	91	1949249	48.191	ug/l	97
90) Hexachloroethane	14.209	117	359036	42.618	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	1068958	44.028	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	162934	43.648	ug/l	89
93) 1,2,4-Trichlorobenzene	15.260	180	554176	48.443	ug/l	98
94) Hexachlorobutadiene	15.367	225	293323	44.118	ug/l	98
95) Naphthalene	15.501	128	1695948	53.511	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	545756	49.877	ug/l	99

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

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