

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069633.D
 Acq On : 24 Nov 2021 10:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 06:54:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1148056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1855113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1776277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	769833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	796561	47.852	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.700%		
35) Dibromofluoromethane	8.021	113	556292	49.998	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.000%		
50) Toluene-d8	10.440	98	2134475	48.778	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.731	95	818268	50.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	542488	44.230	ug/l	98
3) Chloromethane	2.303	50	604527	42.500	ug/l	98
4) Vinyl Chloride	2.451	62	619313	43.483	ug/l	99
5) Bromomethane	2.848	94	344263	37.218	ug/l	97
6) Chloroethane	3.019	64	394556	41.042	ug/l	97
7) Trichlorofluoromethane	3.376	101	921598	41.868	ug/l	99
8) Diethyl Ether	3.824	74	353959	49.701	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	533820	51.483	ug/l	96
10) Methyl Iodide	4.419	142	658485	51.777	ug/l	97
11) Tert butyl alcohol	5.371	59	566248	188.776	ug/l	99
12) 1,1-Dichloroethene	4.181	96	462443	49.698	ug/l	91
13) Acrolein	4.039	56	85782	200.646	ug/l	99
14) Allyl chloride	4.840	41	1023775	49.764	ug/l	96
15) Acrylonitrile	5.554	53	1839293	239.447	ug/l	98
16) Acetone	4.283	43	2307417	256.912	ug/l	97
17) Carbon Disulfide	4.529	76	903480	41.076	ug/l	99
18) Methyl Acetate	4.854	43	1343160	46.006	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	2036706	51.720	ug/l	97
20) Methylene Chloride	5.093	84	607567	47.706	ug/l #	82
21) trans-1,2-Dichloroethene	5.599	96	501829	48.285	ug/l	89
22) Diisopropyl ether	6.495	45	2351579	53.065	ug/l	96
23) Vinyl Acetate	6.431	43	8899551	259.651	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1165348	51.629	ug/l	99
25) 2-Butanone	7.332	43	2943268	242.016	ug/l	92
26) 2,2-Dichloropropane	7.327	77	937496	53.085	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	660488	51.266	ug/l	86
28) Bromochloromethane	7.656	49	632422	54.712	ug/l #	80
29) Tetrahydrofuran	7.683	42	1723995	231.000	ug/l	89
30) Chloroform	7.817	83	1219718	52.710	ug/l	100
31) Cyclohexane	8.094	56	1010816	44.447	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1005355	52.050	ug/l	96
36) 1,1-Dichloropropene	8.220	75	826068	52.921	ug/l	96
37) Ethyl Acetate	7.410	43	1044009	49.477	ug/l	96
38) Carbon Tetrachloride	8.204	117	818144	54.289	ug/l	99
39) Methylcyclohexane	9.459	83	969662	49.936	ug/l	90
40) Benzene	8.458	78	2523807	52.381	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	549672	50.415	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1043516	55.312	ug/l	97
43) Isopropyl Acetate	8.558	43	1781708	52.569	ug/l #	94
44) Trichloroethene	9.215	130	625443	54.239	ug/l	92
45) 1,2-Dichloropropane	9.488	63	720947	56.006	ug/l	99
46) Dibromomethane	9.574	93	464632	53.888	ug/l	93
47) Bromodichloromethane	9.759	83	946941	58.854	ug/l	100
48) Methyl methacrylate	9.558	41	805233	50.498	ug/l	92
49) 1,4-Dioxane	9.566	88	248958	796.112	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	5752599	262.956	ug/l	95
52) Toluene	10.505	92	1608477	53.587	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	998413	50.445	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1072558	51.400	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	679995	56.199	ug/l	99
56) Ethyl methacrylate	10.760	69	1110408	48.750	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1182928	55.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1023765	181.477	ug/l	92
59) 2-Hexanone	11.084	43	4126393	224.239	ug/l	93
60) Dibromochloromethane	11.237	129	691564	51.974	ug/l	100
61) 1,2-Dibromoethane	11.344	107	672414	49.793	ug/l	98
64) Tetrachloroethene	10.977	164	567137	52.878	ug/l	96
65) Chlorobenzene	11.768	112	1779660	53.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	665414	58.024	ug/l	99
67) Ethyl Benzene	11.843	91	3268502	53.601	ug/l	96
68) m/p-Xylenes	11.953	106	2414708	107.670	ug/l	94
69) o-Xylene	12.280	106	1200069	53.675	ug/l	91
70) Styrene	12.294	104	2000249	49.833	ug/l	96
71) Bromoform	12.457	173	484949	48.790	ug/l #	100
73) Isopropylbenzene	12.578	105	3242938	52.907	ug/l	99
74) N-amyl acetate	12.387	43	1252975	48.235	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	1045517	50.574	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	912625m	51.369	ug/l	
77) Bromobenzene	12.860	156	743455	53.035	ug/l	81
78) n-propylbenzene	12.919	91	3751467	54.392	ug/l	96
79) 2-Chlorotoluene	13.007	91	2276404	53.306	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2691349	54.314	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	267759	45.457	ug/l	94
82) 4-Chlorotoluene	13.104	91	2187726	53.741	ug/l	93
83) tert-Butylbenzene	13.321	119	2366653	54.502	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2609665	54.553	ug/l	98
85) sec-Butylbenzene	13.501	105	3339135	55.048	ug/l	98
86) p-Isopropyltoluene	13.613	119	2670863	55.466	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1306923	53.774	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1270754	53.297	ug/l	97
89) n-Butylbenzene	13.940	91	2219500	55.272	ug/l	98
90) Hexachloroethane	14.209	117	457879	51.657	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1253514	54.202	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	173620	45.346	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	563502	46.721	ug/l	98
94) Hexachlorobutadiene	15.367	225	369870	61.552	ug/l	98
95) Naphthalene	15.507	128	1255776	37.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	519330	45.147	ug/l	98

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

