

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069523.D
 Acq On : 17 Nov 2021 10:50
 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 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:08:53 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	8.086	168	1138400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1842678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1741406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	786694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	821892	49.793	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.580%		
35) Dibromofluoromethane	8.019	113	591368	53.510	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.020%		
50) Toluene-d8	10.440	98	2287710	52.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.260%		
62) 4-Bromofluorobenzene	12.731	95	857216	53.684	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	588618	48.398	ug/l	99
3) Chloromethane	2.303	50	627140	44.463	ug/l	98
4) Vinyl Chloride	2.448	62	634296	44.913	ug/l	99
5) Bromomethane	2.842	94	458001	49.934	ug/l	98
6) Chloroethane	3.014	64	399162	41.873	ug/l	98
7) Trichlorofluoromethane	3.373	101	933902	42.786	ug/l	100
8) Diethyl Ether	3.821	74	345501	48.925	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.205	101	527046	51.261	ug/l	95
10) Methyl Iodide	4.419	142	652514	51.742	ug/l	97
11) Tert butyl alcohol	5.374	59	643175	216.241	ug/l	98
12) 1,1-Dichloroethene	4.178	96	448643	48.624	ug/l	88
13) Acrolein	4.041	56	96917	229.561	ug/l	100
14) Allyl chloride	4.838	41	1013933	49.704	ug/l	95
15) Acrylonitrile	5.551	53	1871504	245.707	ug/l	99
16) Acetone	4.285	43	2262801	254.082	ug/l	97
17) Carbon Disulfide	4.527	76	923713	42.353	ug/l	98
18) Methyl Acetate	4.851	43	1347321	46.540	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	1983048	50.785	ug/l	97
20) Methylene Chloride	5.095	84	591632	46.848	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	504674	48.971	ug/l	89
22) Diisopropyl ether	6.495	45	2258841	51.404	ug/l	96
23) Vinyl Acetate	6.431	43	8727958	256.804	ug/l	96
24) 1,1-Dichloroethane	6.385	63	1127470	50.374	ug/l	99
25) 2-Butanone	7.335	43	2962047	245.626	ug/l	93
26) 2,2-Dichloropropane	7.324	77	900414	51.418	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	644650	50.461	ug/l	88
28) Bromochloromethane	7.656	49	598769	52.240	ug/l #	82
29) Tetrahydrofuran	7.683	42	1764090	238.377	ug/l	90
30) Chloroform	7.817	83	1166968	50.858	ug/l	99
31) Cyclohexane	8.094	56	1003513	44.501	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	971800	50.739	ug/l	96
36) 1,1-Dichloropropene	8.220	75	806028	51.985	ug/l	97
37) Ethyl Acetate	7.412	43	1082049	51.626	ug/l	97
38) Carbon Tetrachloride	8.204	117	796542	53.212	ug/l	99
39) Methylcyclohexane	9.459	83	981651	50.895	ug/l	92
40) Benzene	8.458	78	2459663	51.395	ug/l	99

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41) Methacrylonitrile	7.635	41	561433	51.841	ug/l	89
42) 1,2-Dichloroethane	8.528	62	998104	53.262	ug/l	97
43) Isopropyl Acetate	8.560	43	1745401	51.846	ug/l #	94
44) Trichloroethene	9.215	130	605565	52.870	ug/l	93
45) 1,2-Dichloropropane	9.488	63	685502	53.611	ug/l	100
46) Dibromomethane	9.574	93	442587	51.677	ug/l	93
47) Bromodichloromethane	9.762	83	878956	54.997	ug/l	99
48) Methyl methacrylate	9.558	41	800803	50.560	ug/l	91
49) 1,4-Dioxane	9.569	88	280872	898.923	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	5708561	262.704	ug/l	96
52) Toluene	10.505	92	1558528	52.273	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	941022	48.001	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	1004687	48.571	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	646773	53.814	ug/l	98
56) Ethyl methacrylate	10.759	69	1079253	47.747	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1122023	53.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1149649	202.194	ug/l	93
59) 2-Hexanone	11.084	43	4237085	231.540	ug/l	94
60) Dibromochloromethane	11.237	129	639298	48.538	ug/l	100
61) 1,2-Dibromoethane	11.344	107	648858	48.403	ug/l	100
64) Tetrachloroethene	10.977	164	549458	52.256	ug/l	95
65) Chlorobenzene	11.771	112	1709863	52.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	619881	55.136	ug/l	100
67) Ethyl Benzene	11.843	91	3164769	52.939	ug/l	96
68) m/p-Xylenes	11.953	106	2340954	106.472	ug/l	94
69) o-Xylene	12.280	106	1170849	53.417	ug/l	93
70) Styrene	12.294	104	1944138	49.418	ug/l	97
71) Bromoform	12.457	173	449793	46.344	ug/l #	99
73) Isopropylbenzene	12.578	105	3131415	49.993	ug/l	99
74) N-amyl acetate	12.387	43	1348759	50.810	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1025102	48.524	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	921109m	50.736	ug/l	
77) Bromobenzene	12.859	156	714464	49.874	ug/l	81
78) n-propylbenzene	12.918	91	3647617	51.753	ug/l	97
79) 2-Chlorotoluene	13.007	91	2196496	50.333	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2591369	51.175	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	263636	44.009	ug/l	91
82) 4-Chlorotoluene	13.104	91	2150934	51.704	ug/l	93
83) tert-Butylbenzene	13.323	119	2281362	51.412	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2536246	51.882	ug/l	98
85) sec-Butylbenzene	13.500	105	3254117	52.497	ug/l	98
86) p-Isopropyltoluene	13.616	119	2622927	53.303	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1291840	52.014	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	1253318	51.440	ug/l	98
89) n-Butylbenzene	13.940	91	2198505	53.576	ug/l	98
90) Hexachloroethane	14.209	117	428733	47.513	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	1233546	52.196	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	174940	44.736	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	594477	48.132	ug/l	97
94) Hexachlorobutadiene	15.367	225	339387	55.269	ug/l	99
95) Naphthalene	15.507	128	1533502	44.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	571553	48.378	ug/l	98

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

