

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069543.D
 Acq On : 18 Nov 2021 10:01
 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 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:16:19 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	1082407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1758344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1677115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	750445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	719882	45.869	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.740%		
35) Dibromofluoromethane	8.019	113	511910	48.542	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.080%		
50) Toluene-d8	10.440	98	1960930	47.278	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.731	95	751028	49.290	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	545492	47.172	ug/l	99
3) Chloromethane	2.301	50	590275	44.014	ug/l	99
4) Vinyl Chloride	2.445	62	609431	45.385	ug/l	97
5) Bromomethane	2.829	94	444241	50.939	ug/l	100
6) Chloroethane	3.006	64	390252	43.056	ug/l	100
7) Trichlorofluoromethane	3.368	101	924719	44.557	ug/l	98
8) Diethyl Ether	3.821	74	333634	49.688	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.199	101	506660	51.827	ug/l	95
10) Methyl Iodide	4.414	142	607252	50.644	ug/l	97
11) Tert butyl alcohol	5.380	59	660000	233.376	ug/l	99
12) 1,1-Dichloroethene	4.175	96	435976	49.696	ug/l	91
13) Acrolein	4.039	56	115215	288.719	ug/l	98
14) Allyl chloride	4.835	41	983655	50.714	ug/l	94
15) Acrylonitrile	5.551	53	1890817	261.085	ug/l	99
16) Acetone	4.285	43	2310572	272.867	ug/l	97
17) Carbon Disulfide	4.524	76	856979	41.325	ug/l	99
18) Methyl Acetate	4.854	43	1352095	49.121	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	1938877	52.222	ug/l	96
20) Methylene Chloride	5.090	84	581443	48.423	ug/l #	86
21) trans-1,2-Dichloroethene	5.591	96	487718	49.774	ug/l	87
22) Diisopropyl ether	6.495	45	2216917	53.060	ug/l	95
23) Vinyl Acetate	6.431	43	8591783	265.875	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1094701	51.440	ug/l	98
25) 2-Butanone	7.335	43	3015309	262.977	ug/l	93
26) 2,2-Dichloropropane	7.321	77	865260	51.966	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	631481	51.987	ug/l	88
28) Bromochloromethane	7.657	49	576752	52.922	ug/l #	81
29) Tetrahydrofuran	7.683	42	1815879	258.068	ug/l	90
30) Chloroform	7.817	83	1156854	53.025	ug/l	98
31) Cyclohexane	8.094	56	979798	45.697	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	946600	51.980	ug/l	96
36) 1,1-Dichloropropene	8.220	75	791341	53.486	ug/l	97
37) Ethyl Acetate	7.412	43	1108127	55.406	ug/l	96
38) Carbon Tetrachloride	8.204	117	778133	54.475	ug/l	99
39) Methylcyclohexane	9.459	83	950863	51.663	ug/l	89
40) Benzene	8.458	78	2425965	53.122	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	563327	54.511	ug/l	90
42) 1,2-Dichloroethane	8.528	62	972678	54.395	ug/l	97
43) Isopropyl Acetate	8.560	43	1737987	54.102	ug/l	95
44) Trichloroethene	9.215	130	592854	54.243	ug/l	92
45) 1,2-Dichloropropane	9.491	63	676803	55.470	ug/l	99
46) Dibromomethane	9.577	93	438848	53.698	ug/l	93
47) Bromodichloromethane	9.762	83	871719	57.161	ug/l	99
48) Methyl methacrylate	9.558	41	806729	53.377	ug/l	89
49) 1,4-Dioxane	9.569	88	291764	975.108	ug/l #	89
51) 4-Methyl-2-Pentanone	10.330	43	5868581	283.021	ug/l	95
52) Toluene	10.505	92	1539226	54.102	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	919910	49.110	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	984800	49.846	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	650013	56.678	ug/l	97
56) Ethyl methacrylate	10.760	69	1079392	49.944	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1111635	55.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1285135	232.959	ug/l	93
59) 2-Hexanone	11.084	43	4338914	247.896	ug/l	94
60) Dibromochloromethane	11.240	129	635453	50.459	ug/l	100
61) 1,2-Dibromoethane	11.344	107	649749	50.742	ug/l	100
64) Tetrachloroethene	10.977	164	546538	53.970	ug/l	95
65) Chlorobenzene	11.771	112	1693701	54.256	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	619231	57.189	ug/l	100
67) Ethyl Benzene	11.843	91	3150426	54.720	ug/l	96
68) m/p-Xylenes	11.953	106	2331970	110.129	ug/l	94
69) o-Xylene	12.280	106	1167009	55.282	ug/l	93
70) Styrene	12.294	104	1947510	51.341	ug/l	96
71) Bromoform	12.460	173	458147	48.817	ug/l #	100
73) Isopropylbenzene	12.578	105	3139962	52.551	ug/l	99
74) N-amyl acetate	12.388	43	1328832	52.477	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1034993	51.358	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	896908m	51.789	ug/l	
77) Bromobenzene	12.860	156	722535	52.874	ug/l	81
78) n-propylbenzene	12.921	91	3654214	54.351	ug/l	97
79) 2-Chlorotoluene	13.007	91	2204550	52.957	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2614086	54.118	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	265382	46.121	ug/l	90
82) 4-Chlorotoluene	13.104	91	2158379	54.389	ug/l	93
83) tert-Butylbenzene	13.324	119	2326135	54.953	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	2525806	54.164	ug/l	98
85) sec-Butylbenzene	13.501	105	3272259	55.339	ug/l	98
86) p-Isopropyltoluene	13.616	119	2618569	55.785	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1282021	54.112	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1241794	53.428	ug/l	98
89) n-Butylbenzene	13.943	91	2181860	55.739	ug/l	98
90) Hexachloroethane	14.211	117	431154	49.972	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1222887	54.244	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	180844	48.329	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	566219	48.063	ug/l	98
94) Hexachlorobutadiene	15.370	225	338320	57.756	ug/l	99
95) Naphthalene	15.507	128	1428680	43.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	544818	48.345	ug/l	98

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

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