

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069317.D
 Acq On : 1 Nov 2021 12:49
 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 : Mahesh Dadoda 11/02/2021
 Supervised By : Semsettin Yesilyurt 11/03/2021

Quant Time: Nov 01 17:36:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	277227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	464920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	440738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	195132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	201059	50.241	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.480%	
35) Dibromofluoromethane	8.021	113	151727	52.353	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.700%	
50) Toluene-d8	10.441	98	605658	52.267	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.731	95	228184	52.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	160342	49.370	ug/l	99
3) Chloromethane	2.303	50	160472	48.389	ug/l	99
4) Vinyl Chloride	2.446	62	189517	47.210	ug/l	100
5) Bromomethane	2.842	94	124604	53.458	ug/l	98
6) Chloroethane	3.011	64	122674	50.782	ug/l	99
7) Trichlorofluoromethane	3.371	101	293278	59.648	ug/l	99
8) Diethyl Ether	3.821	74	91059	52.063	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.205	101	137568	52.747	ug/l	100
10) Methyl Iodide	4.417	142	174068	45.855	ug/l	96
11) Tert butyl alcohol	5.382	59	164730	213.804	ug/l	100
12) 1,1-Dichloroethene	4.175	96	127818	51.259	ug/l	98
13) Acrolein	4.036	56	41745	236.878	ug/l	99
14) Allyl chloride	4.835	41	224339	50.857	ug/l	96
15) Acrylonitrile	5.554	53	413471	244.939	ug/l	99
16) Acetone	4.285	43	450187	264.032	ug/l	99
17) Carbon Disulfide	4.524	76	316855	47.721	ug/l	99
18) Methyl Acetate	4.854	43	280384	48.390	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	502991	51.269	ug/l	100
20) Methylene Chloride	5.093	84	152651	46.676	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	140200	49.794	ug/l	97
22) Diisopropyl ether	6.498	45	485230	47.286	ug/l	99
23) Vinyl Acetate	6.434	43	1889065	232.054	ug/l	99
24) 1,1-Dichloroethane	6.385	63	269864	51.187	ug/l	100
25) 2-Butanone	7.337	43	599552	229.573	ug/l	98
26) 2,2-Dichloropropane	7.324	77	250000	48.320	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	169027	50.807	ug/l	99
28) Bromochloromethane	7.657	49	133336	50.478	ug/l	97
29) Tetrahydrofuran	7.686	42	371569	221.566	ug/l	96
30) Chloroform	7.818	83	296696	51.769	ug/l	100
31) Cyclohexane	8.094	56	257854	48.144	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	265377	47.352	ug/l	99
36) 1,1-Dichloropropene	8.220	75	215277	53.710	ug/l	98
37) Ethyl Acetate	7.413	43	232575	50.920	ug/l	99
38) Carbon Tetrachloride	8.206	117	222322	48.656	ug/l	99
39) Methylcyclohexane	9.459	83	271370	54.681	ug/l	97
40) Benzene	8.459	78	643725	53.396	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	113337	50.333	ug/l	94
42) 1,2-Dichloroethane	8.528	62	241635	53.260	ug/l	99
43) Isopropyl Acetate	8.560	43	384869	48.332	ug/l	100
44) Trichloroethene	9.215	130	160750	52.952	ug/l	98
45) 1,2-Dichloropropane	9.488	63	163852	53.384	ug/l	98
46) Dibromomethane	9.577	93	117126	53.711	ug/l	100
47) Bromodichloromethane	9.762	83	228571	48.972	ug/l	99
48) Methyl methacrylate	9.558	41	182969	53.077	ug/l	98
49) 1,4-Dioxane	9.569	88	74420	895.080	ug/l	96
51) 4-Methyl-2-Pentanone	10.331	43	1193648	230.720	ug/l	99
52) Toluene	10.505	92	420531	53.188	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	250980	47.480	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	269229	48.991	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	167476	52.799	ug/l	98
56) Ethyl methacrylate	10.760	69	274091	47.132	ug/l	98
57) 1,3-Dichloropropane	11.044	76	280421	52.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	363244	225.497	ug/l	100
59) 2-Hexanone	11.084	43	895045	226.532	ug/l	99
60) Dibromochloromethane	11.240	129	171189	47.506	ug/l	99
61) 1,2-Dibromoethane	11.347	107	176054	48.627	ug/l	99
64) Tetrachloroethene	10.977	164	141564	50.286	ug/l	98
65) Chlorobenzene	11.771	112	448348	51.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	164589	49.116	ug/l	100
67) Ethyl Benzene	11.846	91	837774	53.020	ug/l	99
68) m/p-Xylenes	11.953	106	632608	107.479	ug/l	99
69) o-Xylene	12.280	106	310966	52.495	ug/l	98
70) Styrene	12.294	104	514462	47.850	ug/l	100
71) Bromoform	12.460	173	121460	44.775	ug/l #	99
73) Isopropylbenzene	12.581	105	831662	50.704	ug/l	99
74) N-amyl acetate	12.388	43	314989	48.749	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	254725	48.649	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	227382m	44.305	ug/l	
77) Bromobenzene	12.862	156	185668	48.253	ug/l	99
78) n-propylbenzene	12.921	91	963061	51.871	ug/l	100
79) 2-Chlorotoluene	13.007	91	578919	49.509	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	694140	50.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	78639	45.525	ug/l	92
82) 4-Chlorotoluene	13.106	91	571671	49.569	ug/l	100
83) tert-Butylbenzene	13.324	119	601358	50.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	686092	51.516	ug/l	100
85) sec-Butylbenzene	13.503	105	855942	52.001	ug/l	99
86) p-Isopropyltoluene	13.616	119	693676	52.842	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	337557	50.143	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	331187	50.664	ug/l	100
89) n-Butylbenzene	13.943	91	587167	52.817	ug/l	100
90) Hexachloroethane	14.211	117	120392	46.457	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	325448	49.622	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	49617	45.846	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	159618	50.349	ug/l	98
94) Hexachlorobutadiene	15.373	225	86032	53.306	ug/l	99
95) Naphthalene	15.507	128	460159	47.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	154459	49.904	ug/l	99

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

