

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068452.D
 Acq On : 9 Sep 2021 19:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:47:19 PM

Quant Time: Sep 10 04:13:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	647613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	950573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	906853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	505147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	295561	49.753	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.500%		
35) Dibromofluoromethane	8.021	113	281682	49.132	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.260%		
50) Toluene-d8	10.443	98	1070637	51.410	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.820%		
62) 4-Bromofluorobenzene	12.734	95	369063	55.382	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	225131	42.577	ug/l	99
3) Chloromethane	2.301	50	219079	41.314	ug/l	98
4) Vinyl Chloride	2.443	62	360286	44.930	ug/l	100
5) Bromomethane	2.840	94	331781	42.555	ug/l	99
6) Chloroethane	3.011	64	270529	45.824	ug/l	96
7) Trichlorofluoromethane	3.371	101	437283	43.480	ug/l	98
8) Diethyl Ether	3.827	74	138688	45.722	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	239490	43.092	ug/l	98
10) Methyl Iodide	4.425	142	369437	46.607	ug/l	100
11) Tert butyl alcohol	5.369	59	200955	243.944	ug/l #	85
12) 1,1-Dichloroethene	4.186	96	229103	45.028	ug/l	98
13) Acrolein	4.041	56	99988	226.666	ug/l	99
14) Allyl chloride	4.843	41	302251	46.767	ug/l	99
15) Acrylonitrile	5.554	53	539822	238.309	ug/l	99
16) Acetone	4.285	43	403212	205.110	ug/l	97
17) Carbon Disulfide	4.535	76	591479	43.294	ug/l	100
18) Methyl Acetate	4.854	43	246400	47.606	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	824046	48.335	ug/l	98
20) Methylene Chloride	5.101	84	267012	48.123	ug/l	97
21) trans-1,2-Dichloroethene	5.602	96	267162	45.993	ug/l	99
22) Diisopropyl ether	6.495	45	695277	49.684	ug/l	97
23) Vinyl Acetate	6.434	43	2699415m	258.102	ug/l	
24) 1,1-Dichloroethane	6.391	63	436842	46.070	ug/l	99
25) 2-Butanone	7.335	43	689362	238.804	ug/l	99
26) 2,2-Dichloropropane	7.329	77	383754	43.836	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	325762	47.748	ug/l	98
28) Bromochloromethane	7.659	49	171941	46.598	ug/l	100
29) Tetrahydrofuran	7.683	42	463345	245.868	ug/l	99
30) Chloroform	7.820	83	529860	47.234	ug/l	99
31) Cyclohexane	8.099	56	401812	44.634	ug/l	99
32) 1,1,1-Trichloroethane	8.019	97	508886	48.898	ug/l	99
36) 1,1-Dichloropropene	8.225	75	378950	47.817	ug/l	99
37) Ethyl Acetate	7.413	43	306052	50.769	ug/l	99
38) Carbon Tetrachloride	8.209	117	473379	49.860	ug/l	97
39) Methylcyclohexane	9.462	83	488018	48.673	ug/l	100
40) Benzene	8.464	78	1149099	48.984	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	133859	45.122	ug/l	91
42) 1,2-Dichloroethane	8.534	62	385581	47.439	ug/l	100
43) Isopropyl Acetate	8.560	43	546214	51.356	ug/l	98
44) Trichloroethene	9.220	130	358161	48.222	ug/l	99
45) 1,2-Dichloropropane	9.494	63	269247	48.077	ug/l	99
46) Dibromomethane	9.580	93	219764	48.748	ug/l	98
47) Bromodichloromethane	9.765	83	427769	50.007	ug/l	99
48) Methyl methacrylate	9.561	41	237198	53.406	ug/l	99
49) 1,4-Dioxane	9.569	88	99898	980.507	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1581012	260.401	ug/l	99
52) Toluene	10.508	92	816573	52.464	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	442205	53.958	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	462855	51.541	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	320271	51.851	ug/l	99
56) Ethyl methacrylate	10.762	69	435479	56.766	ug/l	99
57) 1,3-Dichloropropane	11.047	76	477515	50.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	409765	443.499	ug/l	99
59) 2-Hexanone	11.087	43	1104890	271.732	ug/l	100
60) Dibromochloromethane	11.240	129	403665	55.528	ug/l	100
61) 1,2-Dibromoethane	11.350	107	351036	53.603	ug/l	99
64) Tetrachloroethene	10.980	164	336908	41.917	ug/l	99
65) Chlorobenzene	11.773	112	937038	50.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	383270	52.326	ug/l	98
67) Ethyl Benzene	11.849	91	1574088	51.625	ug/l	99
68) m/p-Xylenes	11.956	106	1315813	107.172	ug/l	100
69) o-Xylene	12.283	106	646777	54.066	ug/l	100
70) Styrene	12.296	104	1036818	57.184	ug/l	99
71) Bromoform	12.460	173	334081	59.494	ug/l #	99
73) Isopropylbenzene	12.581	105	1656781	46.107	ug/l	99
74) N-amyl acetate	12.390	43	413035	51.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	441905	43.868	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	406499m	50.978	ug/l	
77) Bromobenzene	12.862	156	469400	47.227	ug/l	99
78) n-propylbenzene	12.921	91	1750283	46.130	ug/l	99
79) 2-Chlorotoluene	13.010	91	1052313	44.987	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1384638	47.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	122495	53.741	ug/l	98
82) 4-Chlorotoluene	13.106	91	1022722	45.338	ug/l	99
83) tert-Butylbenzene	13.326	119	1281559	48.084	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1350680	48.244	ug/l	100
85) sec-Butylbenzene	13.503	105	1670837	47.544	ug/l	100
86) p-Isopropyltoluene	13.619	119	1463231	49.328	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	829728	48.114	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	804490	47.331	ug/l	99
89) n-Butylbenzene	13.946	91	1032535	47.785	ug/l	100
90) Hexachloroethane	14.214	117	261614	50.245	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	798509	48.002	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	74279	46.454	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	404669	53.268	ug/l	99
94) Hexachlorobutadiene	15.373	225	247702	50.455	ug/l	99
95) Naphthalene	15.509	128	1043514	52.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	378792	52.226	ug/l	100

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

