

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068131.D
 Acq On : 16 Aug 2021 21:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 07:18:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	319202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	601950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	617257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	313872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	255917	56.633	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.260%	
35) Dibromofluoromethane	8.021	113	195808	55.816	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.640%	
50) Toluene-d8	10.443	98	815107	50.319	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.733	95	304753	51.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.070	85	125310	38.313	ug/l	96
3) Chloromethane	2.301	50	158361	38.977	ug/l	97
4) Vinyl Chloride	2.443	62	276249	43.579	ug/l	96
5) Bromomethane	2.824	94	240137	42.506	ug/l	99
6) Chloroethane	3.001	64	217619m	44.275	ug/l	
7) Trichlorofluoromethane	3.363	101	531120	46.238	ug/l	98
8) Diethyl Ether	3.819	74	102148	46.799	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.197	101	149576	45.171	ug/l	98
10) Methyl Iodide	4.414	142	176937	41.473	ug/l	94
11) Tert butyl alcohol	5.393	59	160379	264.892	ug/l	98
12) 1,1-Dichloroethene	4.170	96	130101	42.984	ug/l	89
13) Acrolein	4.041	56	100494	244.579	ug/l	99
14) Allyl chloride	4.835	41	247771	48.202	ug/l	96
15) Acrylonitrile	5.557	53	473069	278.775	ug/l	100
16) Acetone	4.288	43	366377	222.207	ug/l	90
17) Carbon Disulfide	4.521	76	306526	34.919	ug/l	99
18) Methyl Acetate	4.857	43	230119	58.065	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	610264	53.711	ug/l	98
20) Methylene Chloride	5.090	84	188814	49.591	ug/l	88
21) trans-1,2-Dichloroethene	5.591	96	161001	45.735	ug/l	93
22) Diisopropyl ether	6.501	45	619775	54.316	ug/l	95
23) Vinyl Acetate	6.436	43	2612899	242.672	ug/l	97
24) 1,1-Dichloroethane	6.385	63	333500	50.538	ug/l	100
25) 2-Butanone	7.337	43	643884	269.174	ug/l	92
26) 2,2-Dichloropropane	7.327	77	247392	42.864	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	204812	48.939	ug/l	87
28) Bromochloromethane	7.659	49	175080	55.627	ug/l #	83
29) Tetrahydrofuran	7.689	42	435998	284.633	ug/l	93
30) Chloroform	7.820	83	387989	53.087	ug/l	99
31) Cyclohexane	8.096	56	276485	41.477	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	337681	53.490	ug/l	98
36) 1,1-Dichloropropene	8.222	75	262271	47.104	ug/l	97
37) Ethyl Acetate	7.418	43	270838	51.685	ug/l	99
38) Carbon Tetrachloride	8.206	117	284381	51.934	ug/l	99
39) Methylcyclohexane	9.461	83	275692	45.817	ug/l	93
40) Benzene	8.461	78	816152	49.512	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	135323	54.210	ug/l	93
42) 1,2-Dichloroethane	8.531	62	313467	51.487	ug/l	97
43) Isopropyl Acetate	8.566	43	502364	57.531	ug/l	98
44) Trichloroethene	9.217	130	196432	47.113	ug/l	91
45) 1,2-Dichloropropane	9.494	63	220364	53.655	ug/l	99
46) Dibromomethane	9.579	93	156302	52.638	ug/l	96
47) Bromodichloromethane	9.765	83	315979	55.834	ug/l	98
48) Methyl methacrylate	9.561	41	211226	48.584	ug/l	89
49) 1,4-Dioxane	9.571	88	75361	1085.005	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	1602984	251.803	ug/l	96
52) Toluene	10.507	92	586206	54.730	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	345675	48.174	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	345313	46.526	ug/l	89
55) 1,1,2-Trichloroethane	10.899	97	234082	56.370	ug/l	97
56) Ethyl methacrylate	10.762	69	366652	49.161	ug/l	90
57) 1,3-Dichloropropane	11.047	76	385568	56.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	346988	239.522	ug/l	95
59) 2-Hexanone	11.087	43	1143181	251.951	ug/l	93
60) Dibromochloromethane	11.240	129	257860	49.739	ug/l	99
61) 1,2-Dibromoethane	11.347	107	244684	57.375	ug/l	98
64) Tetrachloroethene	10.979	164	167572	37.905	ug/l	97
65) Chlorobenzene	11.773	112	635195	50.595	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.846	131	247681	48.968	ug/l	98
67) Ethyl Benzene	11.848	91	1191533	53.297	ug/l	98
68) m/p-Xylenes	11.956	106	925406	94.962	ug/l	84
69) o-Xylene	12.283	106	455768	55.453	ug/l	83
70) Styrene	12.296	104	755668	46.798	ug/l	94
71) Bromoform	12.460	173	179889	45.950	ug/l #	99
73) Isopropylbenzene	12.581	105	1178480	46.020	ug/l	97
74) N-amyl acetate	12.390	43	424311	47.670	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	367334	47.470	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	302405m	47.974	ug/l	
77) Bromobenzene	12.862	156	265246	45.112	ug/l	76
78) n-propylbenzene	12.924	91	1339837	46.364	ug/l	95
79) 2-Chlorotoluene	13.010	91	818835	46.492	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	1003493	48.346	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	100685	44.737	ug/l	94
82) 4-Chlorotoluene	13.106	91	841481	47.588	ug/l	93
83) tert-Butylbenzene	13.326	119	846868	49.069	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1006642	50.056	ug/l	94
85) sec-Butylbenzene	13.503	105	1160951	48.090	ug/l	96
86) p-Isopropyltoluene	13.619	119	982370	51.147	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	515154	47.701	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	500811	46.959	ug/l	95
89) n-Butylbenzene	13.946	91	763123	46.336	ug/l	98
90) Hexachloroethane	14.211	117	175548	53.436	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	468545	46.074	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	59458	48.126	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	185518	41.168	ug/l	98
94) Hexachlorobutadiene	15.370	225	89630	42.416	ug/l	98
95) Naphthalene	15.509	128	535194	41.468	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	174921	41.012	ug/l	99

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

