

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067330.D
 Acq On : 14 Jun 2021 19:14
 Operator : JC/MD
 Sample : M2262-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:15 PM

Quant Time: Jun 15 04:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	339265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	665908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	598117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	230799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	351354	52.498	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	105.000%	
35) Dibromofluoromethane	8.024	113	220660	49.824	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.640%	
50) Toluene-d8	10.446	98	837347	49.329	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.660%	
62) 4-Bromofluorobenzene	12.733	95	323406	46.166	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	10533	2.115	ug/l	97
3) Chloromethane	2.301	50	12451	2.417	ug/l	98
4) Vinyl Chloride	2.440	62	11686	2.314	ug/l	92
5) Bromomethane	2.848	94	7159	3.342	ug/l	87
6) Chloroethane	3.014	64	7488	2.414	ug/l	90
7) Trichlorofluoromethane	3.373	101	16678	2.380	ug/l	97
8) Diethyl Ether	3.819	74	7040m	2.469	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.199	101	10383	2.463	ug/l	94
10) Methyl Iodide	4.414	142	6894	1.861	ug/l	97
11) Tert butyl alcohol	5.396	59	14454	13.119	ug/l #	80
12) 1,1-Dichloroethene	4.175	96	9641	2.369	ug/l	95
13) Acrolein	4.041	56	8700	12.650	ug/l	90
14) Allyl chloride	4.830	41	22570m	2.500	ug/l	
15) Acrylonitrile	5.567	53	29031m	12.005	ug/l	
16) Acetone	4.296	43	29449	11.466	ug/l	99
17) Carbon Disulfide	4.519	76	29593	2.252	ug/l	98
18) Methyl Acetate	4.867	43	16783	2.695	ug/l #	56
19) Methyl tert-butyl Ether	5.624	73	37390	2.289	ug/l	98
20) Methylene Chloride	5.090	84	13997m	2.619	ug/l	
21) trans-1,2-Dichloroethene	5.586	96	10697m	2.372	ug/l	
22) Diisopropyl ether	6.501	45	38507	2.311	ug/l #	96
23) Vinyl Acetate	6.436	43	180177	11.799	ug/l	100
24) 1,1-Dichloroethane	6.383	63	22394	2.395	ug/l	98
25) 2-Butanone	7.348	43	44779	12.201	ug/l	99
26) 2,2-Dichloropropane	7.321	77	21175	2.235	ug/l	92
27) cis-1,2-Dichloroethene	7.324	96	13121	2.473	ug/l	98
28) Bromochloromethane	7.659	49	11329	2.604	ug/l #	96
29) Tetrahydrofuran	7.702	42	25164	10.875	ug/l	93
30) Chloroform	7.817	83	24258	2.472	ug/l	98
31) Cyclohexane	8.091	56	28404	3.122	ug/l #	70
32) 1,1,1-Trichloroethane	8.013	97	21346	2.368	ug/l	95
36) 1,1-Dichloropropene	8.220	75	17470	2.340	ug/l	100
37) Ethyl Acetate	7.423	43	18482	2.337	ug/l #	90
38) Carbon Tetrachloride	8.206	117	18483	2.303	ug/l	96
39) Methylcyclohexane	9.461	83	16992	2.151	ug/l	95
40) Benzene	8.461	78	50146	2.407	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.646	41	9772	2.377	ug/l #	90
42) 1,2-Dichloroethane	8.534	62	22310	2.534	ug/l	99
43) Isopropyl Acetate	8.566	43	34280	2.415	ug/l	98
44) Trichloroethene	9.217	130	11836	2.429	ug/l	95
45) 1,2-Dichloropropane	9.491	63	13623	2.451	ug/l	100
46) Dibromomethane	9.579	93	9124	2.413	ug/l	97
47) Bromodichloromethane	9.762	83	19272	2.272	ug/l	96
48) Methyl methacrylate	9.563	41	15530	2.399	ug/l	99
49) 1,4-Dioxane	9.579	88	4498	50.771	ug/l	96
51) 4-Methyl-2-Pentanone	10.336	43	100500	12.296	ug/l	99
52) Toluene	10.510	92	30971	2.364	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	20784	2.213	ug/l #	87
54) cis-1,3-Dichloropropene	10.191	75	21350	2.249	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	12091	2.387	ug/l	93
56) Ethyl methacrylate	10.765	69	21253	2.334	ug/l	96
57) 1,3-Dichloropropane	11.049	76	21766	2.352	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.046	63	24322	9.176	ug/l	93
59) 2-Hexanone	11.092	43	68626	11.461	ug/l	98
60) Dibromochloromethane	11.242	129	12495	2.256	ug/l	98
61) 1,2-Dibromoethane	11.350	107	12567	2.369	ug/l	97
64) Tetrachloroethene	10.979	164	11344	2.671	ug/l	94
65) Chlorobenzene	11.776	112	31874	2.449	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.848	131	11574	2.388	ug/l	93
67) Ethyl Benzene	11.851	91	60868	2.365	ug/l	98
68) m/p-Xylenes	11.958	106	41808	4.569	ug/l	100
69) o-Xylene	12.288	106	20956	2.342	ug/l	98
70) Styrene	12.299	104	34718	2.334	ug/l	97
71) Bromoform	12.460	173	7967	2.151	ug/l #	95
73) Isopropylbenzene	12.583	105	55049	2.486	ug/l	100
74) N-amyl acetate	12.393	43	26576	2.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.833	83	17297	2.620	ug/l	98
76) 1,2,3-Trichloropropane	12.886	75	15429m	2.574	ug/l	
77) Bromobenzene	12.868	156	11072	2.455	ug/l	95
78) n-propylbenzene	12.927	91	63371	2.406	ug/l	99
79) 2-Chlorotoluene	13.010	91	39593	2.414	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	47001	2.519	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.632	75	5300m	2.192	ug/l	
82) 4-Chlorotoluene	13.109	91	40760	2.496	ug/l	98
83) tert-Butylbenzene	13.329	119	37538	2.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	43987	2.387	ug/l	100
85) sec-Butylbenzene	13.506	105	50483	2.400	ug/l	97
86) p-Isopropyltoluene	13.621	119	40743	2.400	ug/l	99
87) 1,3-Dichlorobenzene	13.621	146	19970	2.455	ug/l	97
88) 1,4-Dichlorobenzene	13.702	146	19890	2.431	ug/l	84
89) n-Butylbenzene	13.946	91	37518	2.352	ug/l	98
90) Hexachloroethane	14.219	117	6819	2.054	ug/l	99
91) 1,2-Dichlorobenzene	13.994	146	19715	2.554	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	4537	2.749	ug/l	82
93) 1,2,4-Trichlorobenzene	15.273	180	9116	2.262	ug/l	96
94) Hexachlorobutadiene	15.375	225	5229	2.259	ug/l	94
95) Naphthalene	15.512	128	26729	2.177	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.710	180	8859	2.290	ug/l	97

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

