

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067612.D
 Acq On : 2 Jul 2021 13:05
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070221

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:18 AM

Quant Time: Jul 05 04:58:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	453489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	819596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	815983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	424250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	317045	46.721	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.440%
35) Dibromofluoromethane	8.021	113	236717	46.697	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.400%
50) Toluene-d8	10.443	98	1017870	47.575	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.736	95	385646	50.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	217087	44.252	ug/l	100
3) Chloromethane	2.301	50	286683	46.097	ug/l	98
4) Vinyl Chloride	2.443	62	443396	46.220	ug/l	97
5) Bromomethane	2.845	94	391429	52.056	ug/l	98
6) Chloroethane	3.014	64	352071	47.495	ug/l	99
7) Trichlorofluoromethane	3.368	101	919559	49.784	ug/l	99
8) Diethyl Ether	3.819	74	136415	28.488	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.199	101	206075	48.632	ug/l	97
10) Methyl Iodide	4.414	142	240009	44.806	ug/l	92
11) Tert butyl alcohol	5.385	59	200659	215.658	ug/l	99
12) 1,1-Dichloroethene	4.173	96	194446	48.241	ug/l	88
13) Acrolein	4.036	56	151851	197.536	ug/l	99
14) Allyl chloride	4.832	41	351772	49.077	ug/l	94
15) Acrylonitrile	5.554	53	567243	234.538	ug/l	99
16) Acetone	4.285	43	511070	237.555	ug/l	94
17) Carbon Disulfide	4.524	76	556096	48.463	ug/l	100
18) Methyl Acetate	4.854	43	250220	45.651	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	801685	48.722	ug/l	99
20) Methylene Chloride	5.093	84	242434	45.202	ug/l	95
21) trans-1,2-Dichloroethene	5.594	96	234774	48.316	ug/l	90
22) Diisopropyl ether	6.498	45	862685	51.373	ug/l	98
23) Vinyl Acetate	6.434	43	3657622	254.330	ug/l	97
24) 1,1-Dichloroethane	6.385	63	457081	49.940	ug/l	98
25) 2-Butanone	7.340	43	855919	246.570	ug/l	96
26) 2,2-Dichloropropane	7.324	77	426232	51.022	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	294112	50.212	ug/l	88
28) Bromochloromethane	7.657	49	213570	48.067	ug/l	85
29) Tetrahydrofuran	7.686	42	556831	240.829	ug/l	93
30) Chloroform	7.817	83	523419	50.080	ug/l	99
31) Cyclohexane	8.094	56	449525	47.893	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	471617	51.744	ug/l	98
36) 1,1-Dichloropropene	8.222	75	391395	50.634	ug/l	96
37) Ethyl Acetate	7.415	43	357798	48.235	ug/l	98
38) Carbon Tetrachloride	8.206	117	399965	51.338	ug/l	99
39) Methylcyclohexane	9.461	83	447570	52.662	ug/l	92
40) Benzene	8.458	78	1157777	50.481	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	179138	49.259	ug/l	93
42) 1,2-Dichloroethane	8.531	62	424201	50.370	ug/l	97
43) Isopropyl Acetate	8.563	43	647248	50.032	ug/l	97
44) Trichloroethene	9.217	130	292185	50.919	ug/l	91
45) 1,2-Dichloropropane	9.491	63	287020	50.505	ug/l	99
46) Dibromomethane	9.577	93	211730	51.061	ug/l	95
47) Bromodichloromethane	9.762	83	420103	52.703	ug/l	96
48) Methyl methacrylate	9.563	41	281058	49.389	ug/l	92
49) 1,4-Dioxane	9.571	88	97124	962.411	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	1979179	250.203	ug/l	96
52) Toluene	10.507	92	807998	52.898	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	467992	47.981	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	484672	53.403	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	299310	51.082	ug/l	98
56) Ethyl methacrylate	10.765	69	476142	52.596	ug/l	92
57) 1,3-Dichloropropane	11.047	76	501522	51.510	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	496361	229.751	ug/l	93
59) 2-Hexanone	11.087	43	1437057	259.180	ug/l	95
60) Dibromochloromethane	11.242	129	324596	46.113	ug/l	100
61) 1,2-Dibromoethane	11.350	107	316430	52.224	ug/l	99
64) Tetrachloroethene	10.979	164	286822	49.383	ug/l	97
65) Chlorobenzene	11.773	112	856314	51.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	316734	53.411	ug/l	99
67) Ethyl Benzene	11.848	91	1631398	53.773	ug/l	98
68) m/p-Xylenes	11.958	106	1285294	110.552	ug/l	87
69) o-Xylene	12.283	106	624079	54.209	ug/l	89
70) Styrene	12.296	104	1059985	49.926	ug/l	93
71) Bromoform	12.463	173	233447	45.922	ug/l #	100
73) Isopropylbenzene	12.583	105	1661917	47.069	ug/l	98
74) N-amyl acetate	12.390	43	574506	46.278	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	444782	44.477	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	418892m	49.369	ug/l	
77) Bromobenzene	12.865	156	365735	46.429	ug/l	74
78) n-propylbenzene	12.924	91	1928212	49.196	ug/l	96
79) 2-Chlorotoluene	13.012	91	1152953	47.906	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	1419903	49.886	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	134259	47.714	ug/l	94
82) 4-Chlorotoluene	13.109	91	1170345	49.440	ug/l	91
83) tert-Butylbenzene	13.326	119	1162661	48.568	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	1409947	50.618	ug/l	94
85) sec-Butylbenzene	13.506	105	1642954	49.770	ug/l	96
86) p-Isopropyltoluene	13.619	119	1371366	51.616	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	728258	50.886	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	723097	50.650	ug/l	95
89) n-Butylbenzene	13.946	91	1132929	51.246	ug/l	98
90) Hexachloroethane	14.214	117	223688	50.607	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	703077	50.328	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	81878	48.996	ug/l	72
93) 1,2,4-Trichlorobenzene	15.268	180	283830	48.032	ug/l	99
94) Hexachlorobutadiene	15.373	225	134146	48.304	ug/l	99
95) Naphthalene	15.509	128	848771	41.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	264665	48.436	ug/l	99

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

