

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067478.D
 Acq On : 24 Jun 2021 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062421

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:51 PM

Quant Time: Jun 25 02:12:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	296504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	614765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	555021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	217950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	281559	46.399	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.800%
35) Dibromofluoromethane	8.021	113	186957	49.363	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.720%
50) Toluene-d8	10.443	98	800550	49.558	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.733	95	286876	49.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	248320	49.860	ug/l	98
3) Chloromethane	2.298	50	265935	47.783	ug/l	99
4) Vinyl Chloride	2.443	62	239620	48.262	ug/l	100
5) Bromomethane	2.840	94	136852	49.914	ug/l	99
6) Chloroethane	3.011	64	154117	48.113	ug/l	100
7) Trichlorofluoromethane	3.368	101	370837	49.364	ug/l	98
8) Diethyl Ether	3.821	74	150609	48.857	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.199	101	205456	50.031	ug/l	95
10) Methyl Iodide	4.414	142	206562	45.684	ug/l	95
11) Tert butyl alcohol	5.387	59	216119	218.070	ug/l	99
12) 1,1-Dichloroethene	4.175	96	201859	49.708	ug/l	99
13) Acrolein	4.038	56	195301	231.798	ug/l	99
14) Allyl chloride	4.838	41	419031	47.043	ug/l	95
15) Acrylonitrile	5.556	53	644002	244.067	ug/l	99
16) Acetone	4.288	43	621362	267.537	ug/l	92
17) Carbon Disulfide	4.524	76	651776	49.244	ug/l	100
18) Methyl Acetate	4.856	43	287989	44.430	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	783921	48.686	ug/l	97
20) Methylene Chloride	5.092	84	250762	45.883	ug/l	96
21) trans-1,2-Dichloroethene	5.594	96	215953	49.492	ug/l	99
22) Diisopropyl ether	6.498	45	869600	49.650	ug/l	98
23) Vinyl Acetate	6.433	43	3363263	226.328	ug/l	99
24) 1,1-Dichloroethane	6.385	63	469578	49.128	ug/l	99
25) 2-Butanone	7.340	43	894541	247.741	ug/l	99
26) 2,2-Dichloropropane	7.327	77	401683	49.372	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	253651	49.201	ug/l	99
28) Bromochloromethane	7.659	49	218646	47.996	ug/l	91
29) Tetrahydrofuran	7.689	42	565194	247.199	ug/l	97
30) Chloroform	7.820	83	447873	49.188	ug/l	99
31) Cyclohexane	8.096	56	447018	46.024	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	379710	49.847	ug/l	99
36) 1,1-Dichloropropene	8.222	75	358818	51.809	ug/l	99
37) Ethyl Acetate	7.418	43	372701	50.950	ug/l	99
38) Carbon Tetrachloride	8.206	117	303358	51.430	ug/l	98
39) Methylcyclohexane	9.461	83	417453	52.300	ug/l	97
40) Benzene	8.461	78	1037152	50.976	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	180621	48.824	ug/l	95
42) 1,2-Dichloroethane	8.531	62	364183	49.210	ug/l	99
43) Isopropyl Acetate	8.563	43	636453	50.444	ug/l	98
44) Trichloroethene	9.217	130	211182	52.553	ug/l	96
45) 1,2-Dichloropropane	9.494	63	282788	50.732	ug/l	100
46) Dibromomethane	9.579	93	170124	50.362	ug/l	95
47) Bromodichloromethane	9.764	83	356312	51.503	ug/l	98
48) Methyl methacrylate	9.563	41	298095	54.573	ug/l	95
49) 1,4-Dioxane	9.574	88	78807	1011.186	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	1875812	254.650	ug/l	98
52) Toluene	10.507	92	619075	52.105	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	416649	47.967	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	452596	52.983	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	233493	51.270	ug/l	97
56) Ethyl methacrylate	10.765	69	427104	52.050	ug/l	94
57) 1,3-Dichloropropane	11.046	76	443007	51.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	511203	238.244	ug/l	95
59) 2-Hexanone	11.089	43	1358016	261.775	ug/l	96
60) Dibromochloromethane	11.240	129	219747	47.269	ug/l	98
61) 1,2-Dibromoethane	11.349	107	231991	52.379	ug/l	99
64) Tetrachloroethene	10.979	164	183324	50.783	ug/l	98
65) Chlorobenzene	11.773	112	594668	51.553	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	202091	48.720	ug/l	98
67) Ethyl Benzene	11.848	91	1211600	51.569	ug/l	99
68) m/p-Xylenes	11.956	106	841750	105.824	ug/l	100
69) o-Xylene	12.283	106	414013	52.536	ug/l	100
70) Styrene	12.296	104	694572	53.866	ug/l	99
71) Bromoform	12.460	173	137695	46.110	ug/l #	99
73) Isopropylbenzene	12.581	105	1097954	49.486	ug/l	99
74) N-amyl acetate	12.390	43	537222	50.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	350140	48.790	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	306518m	47.784	ug/l	
77) Bromobenzene	12.862	156	203079	49.653	ug/l	90
78) n-propylbenzene	12.924	91	1382970	50.548	ug/l	97
79) 2-Chlorotoluene	13.010	91	821072	49.984	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	925600	51.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	117040	49.926	ug/l	92
82) 4-Chlorotoluene	13.109	91	823931	51.087	ug/l	97
83) tert-Butylbenzene	13.326	119	724447	50.636	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	901723	50.728	ug/l	100
85) sec-Butylbenzene	13.503	105	1082618	50.549	ug/l	98
86) p-Isopropyltoluene	13.618	119	819229	51.425	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	378654	51.040	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	379460	51.143	ug/l	99
89) n-Butylbenzene	13.946	91	836784	52.432	ug/l	98
90) Hexachloroethane	14.211	117	156987	51.705	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	371222	51.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65402	51.147	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	179185	48.964	ug/l	100
94) Hexachlorobutadiene	15.372	225	89699	54.667	ug/l	98
95) Naphthalene	15.507	128	588983	48.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	169479	48.646	ug/l	99

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

