

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067929.D
 Acq On : 27 Jul 2021 15:33
 Operator : JC/MD
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:58:25 PM

Quant Time: Jul 28 05:20:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	349762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	655112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	614762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	257058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	273792	51.796	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.600%			
35) Dibromofluoromethane	8.021	113	201990	51.033	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.060%			
50) Toluene-d8	10.443	98	812853	49.064	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.120%			
62) 4-Bromofluorobenzene	12.734	95	275129	47.011	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	55481	18.662	ug/l	100
3) Chloromethane	2.301	50	76354	16.216	ug/l	96
4) Vinyl Chloride	2.443	62	125641	17.680	ug/l	96
5) Bromomethane	2.834	94	105187	18.695	ug/l	99
6) Chloroethane	3.009	64	101159	18.770	ug/l	96
7) Trichlorofluoromethane	3.368	101	235366	19.762	ug/l	100
8) Diethyl Ether	3.824	74	45054	15.926	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.205	101	69527	21.449	ug/l	96
10) Methyl Iodide	4.411	142	79610	20.617	ug/l	91
11) Tert butyl alcohol	5.385	59	71392	93.987	ug/l #	88
12) 1,1-Dichloroethene	4.173	96	62678	20.154	ug/l	85
13) Acrolein	4.044	56	28517	74.089	ug/l	98
14) Allyl chloride	4.832	41	108186	18.924	ug/l	97
15) Acrylonitrile	5.559	53	204094	108.329	ug/l	100
16) Acetone	4.291	43	171425	103.064	ug/l	92
17) Carbon Disulfide	4.516	76	140429	16.301	ug/l	98
18) Methyl Acetate	4.857	43	106382	22.771	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	258307	20.043	ug/l	100
20) Methylene Chloride	5.098	84	81921	20.690	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	71135	19.346	ug/l	90
22) Diisopropyl ether	6.498	45	256794	19.795	ug/l	97
23) Vinyl Acetate	6.436	43	1051094	94.771	ug/l	96
24) 1,1-Dichloroethane	6.383	63	146387	20.242	ug/l	98
25) 2-Butanone	7.340	43	283776	102.745	ug/l	93
26) 2,2-Dichloropropane	7.324	77	123089	19.476	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	90455	19.658	ug/l	87
28) Bromochloromethane	7.657	49	68442	19.394	ug/l #	83
29) Tetrahydrofuran	7.689	42	182585	100.526	ug/l	91
30) Chloroform	7.820	83	161718	19.908	ug/l	99
31) Cyclohexane	8.094	56	126354	17.048	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	141457	20.082	ug/l	97
36) 1,1-Dichloropropene	8.220	75	109853	18.052	ug/l	96
37) Ethyl Acetate	7.418	43	114328	19.390	ug/l	100
38) Carbon Tetrachloride	8.206	117	113959	18.985	ug/l	98
39) Methylcyclohexane	9.459	83	116929	17.552	ug/l	93
40) Benzene	8.461	78	345937	18.991	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	54818	18.089	ug/l #	88
42) 1,2-Dichloroethane	8.534	62	132878	19.643	ug/l	98
43) Isopropyl Acetate	8.563	43	197396	19.032	ug/l	95
44) Trichloroethene	9.215	130	87747	18.981	ug/l	88
45) 1,2-Dichloropropane	9.491	63	89836	19.479	ug/l	98
46) Dibromomethane	9.580	93	64146	19.602	ug/l	95
47) Bromodichloromethane	9.765	83	124907	19.525	ug/l	99
48) Methyl methacrylate	9.561	41	85980	18.743	ug/l	89
49) 1,4-Dioxane	9.572	88	32124	372.804	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	641343	100.653	ug/l	96
52) Toluene	10.508	92	227359	19.054	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	125999	17.696	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	135362	19.026	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	92720	20.277	ug/l	95
56) Ethyl methacrylate	10.762	69	137204	19.476	ug/l	91
57) 1,3-Dichloropropane	11.047	76	151808	19.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	136218	84.588	ug/l	93
59) 2-Hexanone	11.087	43	445643	100.197	ug/l	94
60) Dibromochloromethane	11.240	129	88726	17.421	ug/l	100
61) 1,2-Dibromoethane	11.347	107	93944	20.123	ug/l	100
64) Tetrachloroethene	10.980	164	88920	20.491	ug/l	97
65) Chlorobenzene	11.773	112	246315	19.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	89185	20.081	ug/l	99
67) Ethyl Benzene	11.846	91	437196	19.020	ug/l	98
68) m/p-Xylenes	11.956	106	331622	38.145	ug/l	85
69) o-Xylene	12.283	106	161905	18.942	ug/l	87
70) Styrene	12.296	104	263367	19.262	ug/l	93
71) Bromoform	12.460	173	54789	16.200	ug/l #	99
73) Isopropylbenzene	12.581	105	420640	20.281	ug/l	98
74) N-amyl acetate	12.390	43	145438	19.329	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	133500	22.178	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	111494m	21.239	ug/l	
77) Bromobenzene	12.862	156	95458	20.795	ug/l	78
78) n-propylbenzene	12.921	91	468826	19.986	ug/l	96
79) 2-Chlorotoluene	13.010	91	289448	20.424	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	339604	20.208	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	31780	19.518	ug/l	99
82) 4-Chlorotoluene	13.106	91	281442	20.069	ug/l	94
83) tert-Butylbenzene	13.326	119	289372	20.191	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	339872	20.640	ug/l	94
85) sec-Butylbenzene	13.503	105	399317	20.132	ug/l	98
86) p-Isopropyltoluene	13.619	119	312284	19.510	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	168382	19.773	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	163036	18.699	ug/l	97
89) n-Butylbenzene	13.943	91	252737	18.409	ug/l	98
90) Hexachloroethane	14.211	117	53559	20.147	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	162171	19.728	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	20833	19.927	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	61242	16.211	ug/l	99
94) Hexachlorobutadiene	15.373	225	33032	19.123	ug/l	97
95) Naphthalene	15.507	128	167559	15.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	58945	16.237	ug/l	99

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

