

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067898.D
 Acq On : 26 Jul 2021 11:27
 Operator : JC/MD
 Sample : VN0726WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:56:01 PM

Quant Time: Jul 26 11:45:04 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	358780	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	663064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	622421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	271147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	271022	49.983	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.960%
35) Dibromofluoromethane	8.021	113	203806	50.874	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.740%
50) Toluene-d8	10.443	98	810909	48.359	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.733	95	280039	47.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	56426	18.503	ug/l	99
3) Chloromethane	2.301	50	76668	15.873	ug/l	97
4) Vinyl Chloride	2.443	62	125804	17.258	ug/l	97
5) Bromomethane	2.842	94	104091	17.843	ug/l	97
6) Chloroethane	3.011	64	102042	18.434	ug/l	100
7) Trichlorofluoromethane	3.368	101	238160	19.445	ug/l	99
8) Diethyl Ether	3.821	74	44654	15.388	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	70518	21.208	ug/l	97
10) Methyl Iodide	4.414	142	73078	18.449	ug/l	93
11) Tert butyl alcohol	5.388	59	70707	90.746	ug/l	# 92
12) 1,1-Dichloroethene	4.173	96	63964	20.050	ug/l	89
13) Acrolein	4.036	56	32683	83.273	ug/l	95
14) Allyl chloride	4.835	41	108075	18.429	ug/l	96
15) Acrylonitrile	5.557	53	194366	100.572	ug/l	98
16) Acetone	4.291	43	163813	96.012	ug/l	94
17) Carbon Disulfide	4.521	76	153984	17.425	ug/l	100
18) Methyl Acetate	4.862	43	95779	19.986	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	251066	18.992	ug/l	98
20) Methylene Chloride	5.093	84	80499	19.790	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	72407	19.197	ug/l	90
22) Diisopropyl ether	6.498	45	250650	18.836	ug/l	# 96
23) Vinyl Acetate	6.434	43	1038109	91.247	ug/l	95
24) 1,1-Dichloroethane	6.383	63	143783	19.382	ug/l	98
25) 2-Butanone	7.340	43	262922	92.802	ug/l	97
26) 2,2-Dichloropropane	7.329	77	124723	19.238	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	87779	18.597	ug/l	89
28) Bromochloromethane	7.659	49	66772	18.445	ug/l	# 81
29) Tetrahydrofuran	7.691	42	170923	91.740	ug/l	93
30) Chloroform	7.817	83	161923	19.432	ug/l	99
31) Cyclohexane	8.094	56	129212	16.995	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	137152	18.982	ug/l	98
36) 1,1-Dichloropropene	8.222	75	110697	17.973	ug/l	97
37) Ethyl Acetate	7.418	43	107002	17.930	ug/l	98
38) Carbon Tetrachloride	8.206	117	112925	18.587	ug/l	98
39) Methylcyclohexane	9.461	83	122595	18.182	ug/l	93
40) Benzene	8.461	78	340738	18.482	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	54962	17.920	ug/l	94
42) 1,2-Dichloroethane	8.531	62	131091	19.147	ug/l	97
43) Isopropyl Acetate	8.563	43	183846	17.513	ug/l	97
44) Trichloroethene	9.215	130	86886	18.570	ug/l	87
45) 1,2-Dichloropropane	9.491	63	87138	18.668	ug/l	100
46) Dibromomethane	9.577	93	63555	19.189	ug/l	96
47) Bromodichloromethane	9.765	83	124118	19.169	ug/l	98
48) Methyl methacrylate	9.561	41	80410	17.319	ug/l	93
49) 1,4-Dioxane	9.571	88	30819	355.045	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	595359	92.315	ug/l	96
52) Toluene	10.507	92	224794	18.614	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	128639	17.835	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	135287	18.788	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	89493	19.336	ug/l	95
56) Ethyl methacrylate	10.762	69	131240	18.406	ug/l	92
57) 1,3-Dichloropropane	11.047	76	147392	18.572	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	137175	84.246	ug/l	92
59) 2-Hexanone	11.089	43	421739	93.686	ug/l	96
60) Dibromochloromethane	11.240	129	89220	17.323	ug/l	99
61) 1,2-Dibromoethane	11.347	107	90217	19.093	ug/l	99
64) Tetrachloroethene	10.979	164	83346	18.970	ug/l	93
65) Chlorobenzene	11.773	112	237725	18.596	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	88343	19.647	ug/l	99
67) Ethyl Benzene	11.848	91	429167	18.441	ug/l	98
68) m/p-Xylenes	11.956	106	326651	37.111	ug/l	87
69) o-Xylene	12.283	106	159721	18.457	ug/l	87
70) Styrene	12.296	104	264345	19.096	ug/l	93
71) Bromoform	12.460	173	56922	16.540	ug/l #	98
73) Isopropylbenzene	12.581	105	416209	19.025	ug/l	98
74) N-amyl acetate	12.390	43	147209	18.548	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	125639	19.788	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	109543m	19.783	ug/l	
77) Bromobenzene	12.862	156	92269	19.056	ug/l	80
78) n-propylbenzene	12.924	91	470520	19.016	ug/l	96
79) 2-Chlorotoluene	13.010	91	288423	19.294	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	341183	19.247	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	32479	18.911	ug/l	97
82) 4-Chlorotoluene	13.109	91	284698	19.246	ug/l	93
83) tert-Butylbenzene	13.326	119	281749	18.637	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	338080	19.464	ug/l	94
85) sec-Butylbenzene	13.503	105	405372	19.375	ug/l	98
86) p-Isopropyltoluene	13.619	119	317484	18.805	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	168423	18.750	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	165525	17.998	ug/l	97
89) n-Butylbenzene	13.946	91	265709	18.348	ug/l	98
90) Hexachloroethane	14.214	117	54867	19.567	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	161578	18.635	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	21184	19.210	ug/l	81
93) 1,2,4-Trichlorobenzene	15.268	180	64989	16.293	ug/l	99
94) Hexachlorobutadiene	15.373	225	34546	18.961	ug/l	99
95) Naphthalene	15.507	128	172324	15.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	61976	16.193	ug/l	99

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

