

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067548.D
 Acq On : 29 Jun 2021 13:13
 Operator : JC/MD
 Sample : VN0629WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:51:09 PM

Quant Time: Jun 29 15:22:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	227993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	428811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	428347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	193897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	169515	54.327	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.660%			
35) Dibromofluoromethane	8.021	113	127009	47.773	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.540%			
50) Toluene-d8	10.443	98	549310	50.862	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.733	95	196529	52.096	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	41975	17.796	ug/l	99
3) Chloromethane	2.301	50	55442	19.532	ug/l	99
4) Vinyl Chloride	2.443	62	78675	20.615	ug/l	97
5) Bromomethane	2.848	94	65163	23.210	ug/l	99
6) Chloroethane	3.017	64	55948	21.019	ug/l	99
7) Trichlorofluoromethane	3.368	101	151662	22.117	ug/l	96
8) Diethyl Ether	3.821	74	28365	17.852	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.202	101	39358	17.387	ug/l #	76
10) Methyl Iodide	4.414	142	46517	15.765	ug/l	91
11) Tert butyl alcohol	5.382	59	43887m	94.224	ug/l	
12) 1,1-Dichloroethene	4.173	96	36070	16.300	ug/l	91
13) Acrolein	4.038	56	24715	82.051	ug/l	99
14) Allyl chloride	4.838	41	61253	16.932	ug/l #	91
15) Acrylonitrile	5.559	53	108865	90.938	ug/l	97
16) Acetone	4.288	43	85086	82.671	ug/l	90
17) Carbon Disulfide	4.521	76	100024	16.031	ug/l	99
18) Methyl Acetate	4.856	43	49218	17.927	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	158822	18.717	ug/l	100
20) Methylene Chloride	5.092	84	48341	17.769	ug/l	85
21) trans-1,2-Dichloroethene	5.594	96	44539	17.747	ug/l	87
22) Diisopropyl ether	6.500	45	154156	19.624	ug/l #	96
23) Vinyl Acetate	6.436	43	658131	99.937	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	86252	18.815	ug/l	99
25) 2-Butanone	7.340	43	155217	97.792	ug/l	94
26) 2,2-Dichloropropane	7.327	77	78782	18.543	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	57146	18.823	ug/l	85
28) Bromochloromethane	7.659	49	41214	19.212	ug/l #	77
29) Tetrahydrofuran	7.691	42	104859	99.214	ug/l	89
30) Chloroform	7.820	83	98587	19.549	ug/l	100
31) Cyclohexane	8.094	56	84937	19.007	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	87902	19.196	ug/l	97
36) 1,1-Dichloropropene	8.222	75	71373	18.437	ug/l	96
37) Ethyl Acetate	7.415	43	66173	18.615	ug/l	97
38) Carbon Tetrachloride	8.206	117	74405	17.942	ug/l	99
39) Methylcyclohexane	9.461	83	86590	18.478	ug/l	89
40) Benzene	8.461	78	220300	18.795	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	32550	18.368	ug/l #	88
42) 1,2-Dichloroethane	8.533	62	80281	19.843	ug/l	95
43) Isopropyl Acetate	8.566	43	118703	19.548	ug/l #	93
44) Trichloroethene	9.217	130	56111	18.380	ug/l	94
45) 1,2-Dichloropropane	9.491	63	55316	18.851	ug/l	98
46) Dibromomethane	9.579	93	41408	19.819	ug/l	97
47) Bromodichloromethane	9.764	83	81447	19.707	ug/l	98
48) Methyl methacrylate	9.563	41	49734	18.704	ug/l #	87
49) 1,4-Dioxane	9.574	88	19380	365.537	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	364991	99.626	ug/l	93
52) Toluene	10.507	92	155214	20.268	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	85083	18.949	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	92102	19.654	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	59510	19.914	ug/l	96
56) Ethyl methacrylate	10.762	69	91004	20.141	ug/l	86
57) 1,3-Dichloropropane	11.046	76	98190	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	83268	91.455	ug/l	93
59) 2-Hexanone	11.087	43	251991	97.426	ug/l	90
60) Dibromochloromethane	11.240	129	61527	18.634	ug/l	98
61) 1,2-Dibromoethane	11.349	107	61519	20.107	ug/l	99
64) Tetrachloroethene	10.979	164	56367	18.781	ug/l	96
65) Chlorobenzene	11.773	112	165846	18.869	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	59281	18.840	ug/l	99
67) Ethyl Benzene	11.848	91	300288	18.927	ug/l	97
68) m/p-Xylenes	11.956	106	234772	38.436	ug/l	86
69) o-Xylene	12.283	106	115088	19.023	ug/l	88
70) Styrene	12.296	104	188141	18.749	ug/l	93
71) Bromoform	12.460	173	39343	17.356	ug/l #	100
73) Isopropylbenzene	12.581	105	298421	18.302	ug/l	98
74) N-amyl acetate	12.390	43	96763	18.099	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	83306	18.013	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	72848m	18.744	ug/l	
77) Bromobenzene	12.865	156	66158	18.288	ug/l	74
78) n-propylbenzene	12.921	91	334528	18.408	ug/l	95
79) 2-Chlorotoluene	13.010	91	204514	18.420	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	251330	18.809	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	22698	16.791	ug/l	93
82) 4-Chlorotoluene	13.109	91	201780	18.597	ug/l	92
83) tert-Butylbenzene	13.326	119	212756	18.357	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	246430	18.730	ug/l	94
85) sec-Butylbenzene	13.503	105	291547	18.291	ug/l	97
86) p-Isopropyltoluene	13.618	119	238390	18.595	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	125086	18.675	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	123799	18.701	ug/l	96
89) n-Butylbenzene	13.946	91	195089	18.452	ug/l	98
90) Hexachloroethane	14.214	117	39965	17.714	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	120900	18.947	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	14570	18.009	ug/l	68
93) 1,2,4-Trichlorobenzene	15.268	180	50698	18.048	ug/l	99
94) Hexachlorobutadiene	15.372	225	24104	19.470	ug/l	99
95) Naphthalene	15.507	128	154333	18.296	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	49154	17.879	ug/l	99

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

