

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067539.D
 Acq On : 28 Jun 2021 18:40
 Operator : JC/MD
 Sample : VN0628WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:45 PM

Quant Time: Jun 29 05:26:00 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	247594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	470449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	444293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	193100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	174593	51.524	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.040%			
35) Dibromofluoromethane	8.024	113	139712	47.900	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.800%			
50) Toluene-d8	10.446	98	574557	48.491	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.980%			
62) 4-Bromofluorobenzene	12.733	95	197516	47.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	50768	19.820	ug/l	96
3) Chloromethane	2.301	50	61692	20.013	ug/l	97
4) Vinyl Chloride	2.443	62	85916	20.730	ug/l	97
5) Bromomethane	2.850	94	67652	22.189	ug/l	100
6) Chloroethane	3.014	64	57512	19.896	ug/l	96
7) Trichlorofluoromethane	3.371	101	150556	20.217	ug/l	98
8) Diethyl Ether	3.816	74	38342	22.221	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.197	101	45400	18.468	ug/l	97
10) Methyl Iodide	4.417	142	52760	16.466	ug/l	92
11) Tert butyl alcohol	5.390	59	50786	100.404	ug/l #	84
12) 1,1-Dichloroethene	4.173	96	43940	18.285	ug/l	84
13) Acrolein	4.039	56	31213	95.058	ug/l	98
14) Allyl chloride	4.838	41	73883	18.807	ug/l #	96
15) Acrylonitrile	5.559	53	127991	98.451	ug/l	97
16) Acetone	4.293	43	98917	88.501	ug/l #	89
17) Carbon Disulfide	4.524	76	124755	18.412	ug/l	100
18) Methyl Acetate	4.859	43	57199	19.185	ug/l	95
19) Methyl tert-butyl Ether	5.624	73	181246	19.668	ug/l	98
20) Methylene Chloride	5.093	84	56569	19.163	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	51743	18.985	ug/l	90
22) Diisopropyl ether	6.498	45	167857	19.677	ug/l #	95
23) Vinyl Acetate	6.436	43	709102	99.153	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	97897	19.665	ug/l	99
25) 2-Butanone	7.343	43	171955	99.761	ug/l	90
26) 2,2-Dichloropropane	7.327	77	86634	18.777	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	64519	19.569	ug/l	84
28) Bromochloromethane	7.659	49	43665	18.743	ug/l #	74
29) Tetrahydrofuran	7.691	42	115227	100.393	ug/l	89
30) Chloroform	7.820	83	111302	20.324	ug/l	99
31) Cyclohexane	8.094	56	93117	19.204	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	100948	20.300	ug/l	95
36) 1,1-Dichloropropene	8.222	75	78630	18.514	ug/l	94
37) Ethyl Acetate	7.420	43	73714	18.901	ug/l	97
38) Carbon Tetrachloride	8.209	117	83165	18.280	ug/l	98
39) Methylcyclohexane	9.461	83	95298	18.537	ug/l	89
40) Benzene	8.461	78	243602	18.943	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	37070	19.068	ug/l	91
42) 1,2-Dichloroethane	8.531	62	85773	19.324	ug/l	94
43) Isopropyl Acetate	8.566	43	126858	19.042	ug/l #	93
44) Trichloroethene	9.217	130	62733	18.730	ug/l	88
45) 1,2-Dichloropropane	9.494	63	59921	18.613	ug/l	99
46) Dibromomethane	9.579	93	43967	19.181	ug/l	94
47) Bromodichloromethane	9.765	83	85978	18.962	ug/l	96
48) Methyl methacrylate	9.563	41	53107	18.205	ug/l #	87
49) 1,4-Dioxane	9.574	88	22542	385.951	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	384892	95.760	ug/l	92
52) Toluene	10.507	92	162265	19.313	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	91213	18.568	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	96978	18.863	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	62901	19.186	ug/l	95
56) Ethyl methacrylate	10.765	69	93877	18.938	ug/l	85
57) 1,3-Dichloropropane	11.047	76	103750	19.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	85867	87.266	ug/l	92
59) 2-Hexanone	11.089	43	265252	93.476	ug/l	90
60) Dibromochloromethane	11.240	129	64903	18.010	ug/l	98
61) 1,2-Dibromoethane	11.350	107	65021	19.371	ug/l	99
64) Tetrachloroethene	10.979	164	61639	19.800	ug/l	96
65) Chlorobenzene	11.773	112	172342	18.904	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.846	131	62763	19.231	ug/l	98
67) Ethyl Benzene	11.848	91	315301	19.160	ug/l	96
68) m/p-Xylenes	11.956	106	244042	38.519	ug/l	85
69) o-Xylene	12.283	106	120756	19.243	ug/l	85
70) Styrene	12.296	104	192100	18.485	ug/l	93
71) Bromoform	12.460	173	41059	17.441	ug/l #	99
73) Isopropylbenzene	12.581	105	311054	19.156	ug/l	97
74) N-amyl acetate	12.390	43	97454	18.304	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	87317	18.958	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	78487m	20.278	ug/l	
77) Bromobenzene	12.862	156	68112	18.905	ug/l	74
78) n-propylbenzene	12.924	91	344178	19.017	ug/l	94
79) 2-Chlorotoluene	13.010	91	206215	18.650	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	259648	19.511	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	22814	16.946	ug/l	92
82) 4-Chlorotoluene	13.109	91	207487	19.202	ug/l	94
83) tert-Butylbenzene	13.326	119	222566	19.283	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	251931	19.228	ug/l	94
85) sec-Butylbenzene	13.503	105	302132	19.034	ug/l	96
86) p-Isopropyltoluene	13.619	119	245727	19.247	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	127999	19.188	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	124934	18.950	ug/l	97
89) n-Butylbenzene	13.946	91	200596	19.051	ug/l	97
90) Hexachloroethane	14.211	117	41105	18.295	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	124394	19.575	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	14998	18.615	ug/l	65
93) 1,2,4-Trichlorobenzene	15.265	180	51843	18.532	ug/l	97
94) Hexachlorobutadiene	15.373	225	25127	20.380	ug/l	99
95) Naphthalene	15.507	128	166066	19.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	51548	18.827	ug/l	98

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

