

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067334.D
 Acq On : 14 Jun 2021 20:51
 Operator : JC/MD
 Sample : VN0614WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:22 PM

Quant Time: Jun 15 05:23:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	346184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	672863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	604309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	243367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	346526	50.741	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.480%			
35) Dibromofluoromethane	8.024	113	222450	49.709	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.420%			
50) Toluene-d8	10.443	98	839569	48.948	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.736	95	333962	47.180	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	103568	19.135	ug/l	100
3) Chloromethane	2.301	50	105635	20.100	ug/l	99
4) Vinyl Chloride	2.443	62	105940	20.561	ug/l	97
5) Bromomethane	2.850	94	48209	22.054	ug/l	97
6) Chloroethane	3.017	64	60237	19.031	ug/l	98
7) Trichlorofluoromethane	3.368	101	140086	19.588	ug/l	99
8) Diethyl Ether	3.821	74	56383	19.382	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.200	101	83575	19.429	ug/l #	85
10) Methyl Iodide	4.414	142	77043	21.840	ug/l	99
11) Tert butyl alcohol	5.393	59	110489	98.279	ug/l	100
12) 1,1-Dichloroethene	4.173	96	79776	19.214	ug/l	99
13) Acrolein	4.036	56	67407	96.055	ug/l	100
14) Allyl chloride	4.835	41	170658	18.525	ug/l	98
15) Acrylonitrile	5.557	53	252707	102.412	ug/l	99
16) Acetone	4.293	43	229474	87.561	ug/l	99
17) Carbon Disulfide	4.521	76	248729	18.548	ug/l	99
18) Methyl Acetate	4.859	43	121090	19.055	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	337692	20.262	ug/l	99
20) Methylene Chloride	5.093	84	99453	18.238	ug/l	98
21) trans-1,2-Dichloroethene	5.591	96	86557	18.812	ug/l	96
22) Diisopropyl ether	6.501	45	341822	20.102	ug/l	99
23) Vinyl Acetate	6.436	43	1383007	88.760	ug/l	99
24) 1,1-Dichloroethane	6.388	63	184773	19.370	ug/l	100
25) 2-Butanone	7.343	43	363856	97.161	ug/l	99
26) 2,2-Dichloropropane	7.327	77	164083	16.971	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	105745	19.532	ug/l	97
28) Bromochloromethane	7.662	49	84266	18.981	ug/l	98
29) Tetrahydrofuran	7.691	42	235997	99.953	ug/l	100
30) Chloroform	7.820	83	193317	19.303	ug/l	99
31) Cyclohexane	8.096	56	178589	19.237	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	178366	19.389	ug/l	100
36) 1,1-Dichloropropene	8.222	75	139426	18.483	ug/l	99
37) Ethyl Acetate	7.418	43	156022	19.522	ug/l	98
38) Carbon Tetrachloride	8.206	117	148118	18.268	ug/l	98
39) Methylcyclohexane	9.462	83	152567	19.110	ug/l	98
40) Benzene	8.461	78	398827	18.943	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	77381	18.626	ug/l	98
42) 1,2-Dichloroethane	8.534	62	169016	18.998	ug/l	100
43) Isopropyl Acetate	8.566	43	270447	18.854	ug/l	99
44) Trichloroethene	9.217	130	93500	18.990	ug/l	99
45) 1,2-Dichloropropane	9.491	63	105697	18.823	ug/l	100
46) Dibromomethane	9.580	93	72820	19.061	ug/l	99
47) Bromodichloromethane	9.765	83	157869	18.422	ug/l	98
48) Methyl methacrylate	9.563	41	118547	18.125	ug/l	97
49) 1,4-Dioxane	9.572	88	35217	393.403	ug/l	96
51) 4-Methyl-2-Pentanone	10.336	43	794394	96.189	ug/l	100
52) Toluene	10.508	92	248526	18.772	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	170913	18.010	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	175264	18.274	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	96608	18.873	ug/l	98
56) Ethyl methacrylate	10.765	69	172077	18.698	ug/l	98
57) 1,3-Dichloropropane	11.049	76	172922	18.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	203608	76.025	ug/l	100
59) 2-Hexanone	11.089	43	560653	92.662	ug/l	98
60) Dibromochloromethane	11.242	129	102750	18.358	ug/l	96
61) 1,2-Dibromoethane	11.350	107	98413	18.364	ug/l	99
64) Tetrachloroethene	10.980	164	87530	20.399	ug/l	97
65) Chlorobenzene	11.776	112	248397	18.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	94717	19.342	ug/l	99
67) Ethyl Benzene	11.849	91	493757	18.987	ug/l	100
68) m/p-Xylenes	11.958	106	347574	37.599	ug/l	99
69) o-Xylene	12.283	106	173415	19.179	ug/l	99
70) Styrene	12.299	104	286775	19.081	ug/l	100
71) Bromoform	12.460	173	68634	18.343	ug/l #	100
73) Isopropylbenzene	12.583	105	453967	19.440	ug/l	99
74) N-amyl acetate	12.390	43	216436	18.984	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	138858	19.945	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	115618m	18.294	ug/l	
77) Bromobenzene	12.865	156	93763	19.716	ug/l	99
78) n-propylbenzene	12.924	91	540919	19.475	ug/l	100
79) 2-Chlorotoluene	13.010	91	333534	19.285	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	382894	19.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	43240	16.956	ug/l	96
82) 4-Chlorotoluene	13.109	91	334858	19.446	ug/l	97
83) tert-Butylbenzene	13.326	119	307021	19.601	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	377460	19.422	ug/l	99
85) sec-Butylbenzene	13.506	105	435495	19.637	ug/l	100
86) p-Isopropyltoluene	13.621	119	343869	19.212	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	168180	19.605	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	165950	19.233	ug/l	98
89) n-Butylbenzene	13.948	91	321341	19.107	ug/l	100
90) Hexachloroethane	14.214	117	67256	19.215	ug/l	100
91) 1,2-Dichlorobenzene	13.994	146	164161	20.169	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.608	75	32852	18.876	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	82823	19.490	ug/l	99
94) Hexachlorobutadiene	15.375	225	44999	18.439	ug/l	96
95) Naphthalene	15.512	128	259446	19.244	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	79567	19.503	ug/l	99

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

