

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067378.D
 Acq On : 17 Jun 2021 15:39
 Operator : JC/MD
 Sample : VN0617WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 9:13:08 AM

Quant Time: Jun 18 05:09:27 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	8.088	168	314730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	629144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	561609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	219163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309629	49.870	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.740%		
35) Dibromofluoromethane	8.021	113	200826	47.995	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.000%		
50) Toluene-d8	10.443	98	786595	49.047	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.733	95	301976	45.626	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	102162	20.649	ug/l	98
3) Chloromethane	2.301	50	103425	21.646	ug/l	99
4) Vinyl Chloride	2.445	62	98213	20.967	ug/l	99
5) Bromomethane	2.861	94	52219	26.276	ug/l	96
6) Chloroethane	3.022	64	59086	20.533	ug/l	99
7) Trichlorofluoromethane	3.376	101	136056	20.926	ug/l	97
8) Diethyl Ether	3.819	74	57234	21.640	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.205	101	86349	22.080	ug/l	97
10) Methyl Iodide	4.417	142	80056	23.999	ug/l #	93
11) Tert butyl alcohol	5.390	59	93973	91.942	ug/l	100
12) 1,1-Dichloroethene	4.175	96	81170	21.504	ug/l	98
13) Acrolein	4.038	56	77987	122.238	ug/l	99
14) Allyl chloride	4.838	41	167870	20.044	ug/l #	93
15) Acrylonitrile	5.556	53	241129	107.486	ug/l	99
16) Acetone	4.291	43	233216	97.882	ug/l	99
17) Carbon Disulfide	4.524	76	252894	20.743	ug/l	99
18) Methyl Acetate	4.856	43	113070	19.572	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	330778	21.831	ug/l	97
20) Methylene Chloride	5.092	84	100985	20.370	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	87990	21.035	ug/l	99
22) Diisopropyl ether	6.498	45	342846	22.177	ug/l	98
23) Vinyl Acetate	6.436	43	1466748	103.542	ug/l	99
24) 1,1-Dichloroethane	6.388	63	189226	21.819	ug/l	99
25) 2-Butanone	7.340	43	342142	100.494	ug/l	98
26) 2,2-Dichloropropane	7.327	77	175607	19.978	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	104767	21.285	ug/l	99
28) Bromochloromethane	7.656	49	84772	21.004	ug/l	94
29) Tetrahydrofuran	7.689	42	223841	104.280	ug/l	99
30) Chloroform	7.817	83	187710	20.616	ug/l	99
31) Cyclohexane	8.096	56	181648	21.521	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	164132	19.625	ug/l	98
36) 1,1-Dichloropropene	8.222	75	144440	20.479	ug/l	98
37) Ethyl Acetate	7.418	43	140301	18.775	ug/l	100
38) Carbon Tetrachloride	8.206	117	132679	17.501	ug/l	100
39) Methylcyclohexane	9.459	83	166652	22.325	ug/l	99
40) Benzene	8.461	78	403297	20.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	76286	19.638	ug/l	98
42) 1,2-Dichloroethane	8.531	62	157443	18.927	ug/l	99
43) Isopropyl Acetate	8.566	43	255481	19.048	ug/l	98
44) Trichloroethene	9.217	130	90681	19.698	ug/l	98
45) 1,2-Dichloropropane	9.491	63	110361	21.019	ug/l	100
46) Dibromomethane	9.579	93	70648	19.777	ug/l	95
47) Bromodichloromethane	9.764	83	150608	18.796	ug/l	97
48) Methyl methacrylate	9.563	41	109343	17.879	ug/l	96
49) 1,4-Dioxane	9.574	88	32384	386.895	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	720611	93.318	ug/l	98
52) Toluene	10.507	92	243198	19.646	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	166656	18.782	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	179706	20.039	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	91768	19.173	ug/l	96
56) Ethyl methacrylate	10.765	69	166729	19.376	ug/l	96
57) 1,3-Dichloropropane	11.046	76	175590	20.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	184115	73.523	ug/l	99
59) 2-Hexanone	11.087	43	516327	91.266	ug/l	98
60) Dibromochloromethane	11.240	129	91556	17.495	ug/l	99
61) 1,2-Dibromoethane	11.347	107	92731	18.506	ug/l	99
64) Tetrachloroethene	10.979	164	80616	20.216	ug/l	97
65) Chlorobenzene	11.773	112	244249	19.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	86145	18.929	ug/l	99
67) Ethyl Benzene	11.848	91	487444	20.170	ug/l	98
68) m/p-Xylenes	11.956	106	342878	39.911	ug/l	100
69) o-Xylene	12.283	106	167755	19.964	ug/l	100
70) Styrene	12.296	104	275702	19.739	ug/l	99
71) Bromoform	12.460	173	56263	16.180	ug/l #	99
73) Isopropylbenzene	12.581	105	448328	21.319	ug/l	99
74) N-amyl acetate	12.390	43	205959	20.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	133178	21.242	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	122070m	21.449	ug/l	
77) Bromobenzene	12.862	156	83670	19.537	ug/l	93
78) n-propylbenzene	12.924	91	552962	22.107	ug/l	98
79) 2-Chlorotoluene	13.010	91	328871	21.116	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	372702	21.038	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	43078	18.759	ug/l	96
82) 4-Chlorotoluene	13.106	91	328625	21.192	ug/l	99
83) tert-Butylbenzene	13.326	119	299571	21.237	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	365232	20.868	ug/l	99
85) sec-Butylbenzene	13.503	105	450670	22.566	ug/l	97
86) p-Isopropyltoluene	13.618	119	342570	21.253	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	158547	20.524	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	158038	20.339	ug/l	99
89) n-Butylbenzene	13.946	91	345635	22.821	ug/l	99
90) Hexachloroethane	14.214	117	65237	20.696	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	157311	21.462	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	28774	18.359	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	77068	20.139	ug/l	100
94) Hexachlorobutadiene	15.375	225	41082	18.693	ug/l	95
95) Naphthalene	15.509	128	227021	18.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	71904	19.571	ug/l	98

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

