

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067393.D
 Acq On : 18 Jun 2021 11:40
 Operator : JC/MD
 Sample : VN0618WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 3:47:15 PM

Quant Time: Jun 19 00:36:32 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	303103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	622151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	543479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	284171	47.525	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.060%		
35) Dibromofluoromethane	8.021	113	185221	44.763	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.520%		
50) Toluene-d8	10.443	98	738535	46.567	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.733	95	275593	42.107	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	94382	19.862	ug/l	99
3) Chloromethane	2.301	50	95656	20.788	ug/l	99
4) Vinyl Chloride	2.445	62	88413	19.598	ug/l	100
5) Bromomethane	2.850	94	49378	25.800	ug/l	97
6) Chloroethane	3.017	64	56456	20.372	ug/l	95
7) Trichlorofluoromethane	3.371	101	128868	20.581	ug/l	98
8) Diethyl Ether	3.821	74	53388	20.961	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.205	101	81074	21.526	ug/l	97
10) Methyl Iodide	4.419	142	73205	23.127	ug/l	93
11) Tert butyl alcohol	5.388	59	83608	84.939	ug/l #	84
12) 1,1-Dichloroethene	4.173	96	76882	21.149	ug/l	97
13) Acrolein	4.036	56	64590	105.123	ug/l	96
14) Allyl chloride	4.835	41	154792	19.191	ug/l	98
15) Acrylonitrile	5.557	53	233613	108.130	ug/l	99
16) Acetone	4.291	43	204143	88.967	ug/l	93
17) Carbon Disulfide	4.521	76	241097	20.534	ug/l	98
18) Methyl Acetate	4.862	43	111134	19.974	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	303012	20.766	ug/l	97
20) Methylene Chloride	5.098	84	95344	19.970	ug/l	97
21) trans-1,2-Dichloroethene	5.594	96	86426	21.454	ug/l	93
22) Diisopropyl ether	6.498	45	322148	21.637	ug/l	98
23) Vinyl Acetate	6.434	43	1376116	100.870	ug/l	99
24) 1,1-Dichloroethane	6.383	63	180501	21.612	ug/l	99
25) 2-Butanone	7.340	43	312540	95.320	ug/l	97
26) 2,2-Dichloropropane	7.327	77	158659	18.742	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	101094	21.327	ug/l	97
28) Bromochloromethane	7.659	49	79051	20.338	ug/l	95
29) Tetrahydrofuran	7.691	42	204578	98.962	ug/l	97
30) Chloroform	7.820	83	176360	20.112	ug/l	96
31) Cyclohexane	8.094	56	171160	21.057	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	151534	18.814	ug/l	98
36) 1,1-Dichloropropene	8.220	75	133615	19.157	ug/l	99
37) Ethyl Acetate	7.418	43	133053	18.005	ug/l	99
38) Carbon Tetrachloride	8.209	117	118236	15.771	ug/l	98
39) Methylcyclohexane	9.459	83	155156	21.018	ug/l	96
40) Benzene	8.461	78	391440	20.107	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	68802	17.911	ug/l	96
42) 1,2-Dichloroethane	8.528	62	141845	17.243	ug/l	97
43) Isopropyl Acetate	8.563	43	236263	17.813	ug/l	98
44) Trichloroethene	9.217	130	81831	17.975	ug/l	99
45) 1,2-Dichloropropane	9.491	63	105229	20.267	ug/l	100
46) Dibromomethane	9.579	93	65043	18.413	ug/l	96
47) Bromodichloromethane	9.762	83	138136	17.433	ug/l	98
48) Methyl methacrylate	9.563	41	110825	18.325	ug/l	96
49) 1,4-Dioxane	9.574	88	29976	362.151	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	679049	88.925	ug/l	98
52) Toluene	10.507	92	233908	19.108	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	154313	17.586	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	167552	18.893	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	87587	18.505	ug/l	96
56) Ethyl methacrylate	10.765	69	156622	18.406	ug/l	96
57) 1,3-Dichloropropane	11.047	76	162504	18.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	200102	80.806	ug/l	98
59) 2-Hexanone	11.087	43	474254	84.771	ug/l	97
60) Dibromochloromethane	11.240	129	84855	16.397	ug/l	98
61) 1,2-Dibromoethane	11.347	107	86979	17.553	ug/l	99
64) Tetrachloroethene	10.979	164	74995	19.434	ug/l	97
65) Chlorobenzene	11.773	112	225451	19.064	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	78768	17.885	ug/l	98
67) Ethyl Benzene	11.848	91	455171	19.463	ug/l	99
68) m/p-Xylenes	11.956	106	316630	38.086	ug/l	100
69) o-Xylene	12.283	106	153780	18.911	ug/l	98
70) Styrene	12.296	104	256121	18.949	ug/l	99
71) Bromoform	12.463	173	51857	15.410	ug/l #	99
73) Isopropylbenzene	12.581	105	411776	20.140	ug/l	100
74) N-amyl acetate	12.390	43	191409	19.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	123919	20.330	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	114255m	20.649	ug/l	
77) Bromobenzene	12.862	156	78190	18.779	ug/l	94
78) n-propylbenzene	12.924	91	508082	20.893	ug/l	98
79) 2-Chlorotoluene	13.010	91	300795	19.865	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	339114	19.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	41175	18.442	ug/l	93
82) 4-Chlorotoluene	13.109	91	299798	19.885	ug/l	98
83) tert-Butylbenzene	13.326	119	272858	19.896	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	335080	19.692	ug/l	99
85) sec-Butylbenzene	13.506	105	407377	20.981	ug/l	98
86) p-Isopropyltoluene	13.619	119	313075	19.978	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	147611	19.654	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	141643	18.750	ug/l	98
89) n-Butylbenzene	13.946	91	309250	21.002	ug/l	98
90) Hexachloroethane	14.211	117	57557	18.782	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	139477	19.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	24382	16.001	ug/l	96
93) 1,2,4-Trichlorobenzene	15.268	180	64587	17.360	ug/l	98
94) Hexachlorobutadiene	15.375	225	34598	16.193	ug/l	98
95) Naphthalene	15.509	128	185708	16.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	59265	16.592	ug/l	98

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

