

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067485.D
 Acq On : 24 Jun 2021 16:06
 Operator : JC/MD
 Sample : VN0624WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:55 PM

Quant Time: Jun 25 03:35:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	274292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	593898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	526631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	194582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	284075	50.605	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.200%			
35) Dibromofluoromethane	8.024	113	183078	50.037	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.080%			
50) Toluene-d8	10.443	98	771275	49.424	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.733	95	266496	47.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	88729	19.259	ug/l	98
3) Chloromethane	2.301	50	98911	19.212	ug/l	100
4) Vinyl Chloride	2.443	62	89704	19.530	ug/l	99
5) Bromomethane	2.850	94	53194	20.973	ug/l	99
6) Chloroethane	3.019	64	57878	19.532	ug/l	92
7) Trichlorofluoromethane	3.371	101	135423	19.486	ug/l	99
8) Diethyl Ether	3.824	74	54634	19.158	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.202	101	74028	19.487	ug/l	96
10) Methyl Iodide	4.417	142	71248	17.033	ug/l	95
11) Tert butyl alcohol	5.388	59	84139	91.774	ug/l #	71
12) 1,1-Dichloroethene	4.173	96	72833	19.388	ug/l	98
13) Acrolein	4.039	56	72881	93.506	ug/l	96
14) Allyl chloride	4.840	41	147742	17.930	ug/l	97
15) Acrylonitrile	5.559	53	240241	98.421	ug/l	99
16) Acetone	4.293	43	209367	97.446	ug/l	90
17) Carbon Disulfide	4.521	76	224569	18.341	ug/l	98
18) Methyl Acetate	4.859	43	109888	18.326	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	291599	19.576	ug/l	97
20) Methylene Chloride	5.093	84	92932	18.381	ug/l	96
21) trans-1,2-Dichloroethene	5.591	96	79867	19.786	ug/l	98
22) Diisopropyl ether	6.501	45	318470	19.655	ug/l	95
23) Vinyl Acetate	6.436	43	1348289	98.080	ug/l	100
24) 1,1-Dichloroethane	6.385	63	175282	19.823	ug/l	99
25) 2-Butanone	7.343	43	330495	98.942	ug/l	100
26) 2,2-Dichloropropane	7.329	77	143976	19.130	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	92383	19.371	ug/l	99
28) Bromochloromethane	7.659	49	75503	17.916	ug/l	89
29) Tetrahydrofuran	7.691	42	214633	101.476	ug/l	99
30) Chloroform	7.817	83	162603	19.304	ug/l	99
31) Cyclohexane	8.094	56	167731	18.668	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	136041	19.305	ug/l	98
36) 1,1-Dichloropropene	8.225	75	124978	18.679	ug/l	98
37) Ethyl Acetate	7.418	43	139023	19.673	ug/l	97
38) Carbon Tetrachloride	8.206	117	108658	19.069	ug/l	98
39) Methylcyclohexane	9.461	83	143881	18.659	ug/l	97
40) Benzene	8.461	78	379637	19.315	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	69907	19.561	ug/l	98
42) 1,2-Dichloroethane	8.533	62	133619	18.690	ug/l	99
43) Isopropyl Acetate	8.566	43	238257	19.547	ug/l	99
44) Trichloroethene	9.217	130	74069	19.080	ug/l	94
45) 1,2-Dichloropropane	9.494	63	103154	19.156	ug/l	100
46) Dibromomethane	9.579	93	61495	18.844	ug/l	94
47) Bromodichloromethane	9.765	83	125687	18.806	ug/l	98
48) Methyl methacrylate	9.563	41	99270	18.812	ug/l	93
49) 1,4-Dioxane	9.574	88	29500	391.819	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	691827	97.219	ug/l	97
52) Toluene	10.507	92	220650	19.224	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	139232	17.903	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	155238	18.811	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	83609	19.004	ug/l	95
56) Ethyl methacrylate	10.762	69	152005	19.175	ug/l	94
57) 1,3-Dichloropropane	11.046	76	159265	19.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	158467	88.144	ug/l	95
59) 2-Hexanone	11.089	43	486013	96.977	ug/l	96
60) Dibromochloromethane	11.240	129	74066	17.814	ug/l	99
61) 1,2-Dibromoethane	11.350	107	84049	19.643	ug/l	98
64) Tetrachloroethene	10.979	164	66415	19.390	ug/l	99
65) Chlorobenzene	11.773	112	208682	19.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	70918	18.468	ug/l	98
67) Ethyl Benzene	11.846	91	428972	19.243	ug/l	97
68) m/p-Xylenes	11.956	106	298616	39.565	ug/l	99
69) o-Xylene	12.283	106	148034	19.797	ug/l	98
70) Styrene	12.296	104	239565	19.580	ug/l	97
71) Bromoform	12.460	173	43806	17.227	ug/l #	97
73) Isopropylbenzene	12.581	105	385898	19.481	ug/l	100
74) N-amyl acetate	12.390	43	181064	18.936	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	127319	19.872	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	111991m	19.555	ug/l	
77) Bromobenzene	12.862	156	71789	19.660	ug/l	89
78) n-propylbenzene	12.924	91	475161	19.453	ug/l	97
79) 2-Chlorotoluene	13.010	91	285675	19.479	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	317901	19.651	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	37233	17.790	ug/l	94
82) 4-Chlorotoluene	13.106	91	278960	19.374	ug/l	97
83) tert-Butylbenzene	13.326	119	256501	20.082	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	313271	19.740	ug/l	99
85) sec-Butylbenzene	13.503	105	375407	19.634	ug/l	97
86) p-Isopropyltoluene	13.618	119	278979	19.615	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	129863	19.607	ug/l	99
88) 1,4-Dichlorobenzene	13.694	146	129494	19.549	ug/l	100
89) n-Butylbenzene	13.946	91	275834	19.359	ug/l	96
90) Hexachloroethane	14.211	117	50619	18.674	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	130156	20.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22423	19.641	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	55031	18.372	ug/l	99
94) Hexachlorobutadiene	15.373	225	28255	19.288	ug/l	98
95) Naphthalene	15.507	128	172797	18.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	52541	18.541	ug/l	88

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

