

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066031.D
 Acq On : 25 Feb 2021 16:31
 Operator : JC/MD
 Sample : M1484-03MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW804-10-15-022421MSD

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 11:47:32 AM

Quant Time: Feb 26 01:22:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	104244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	183857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	165928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	77195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	73792	50.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.24%			
35) Dibromofluoromethane	7.550	113	54437	47.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.68%			
50) Toluene-d8	10.058	98	217100	46.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.96%			
62) 4-Bromofluorobenzene	12.373	95	84084	47.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	59290	43.44	ug/l	100
3) Chloromethane	2.055	50	72413	42.34	ug/l	98
4) Vinyl Chloride	2.184	62	72929	43.29	ug/l	98
5) Bromomethane	2.544	94	47083	45.62	ug/l	99
6) Chloroethane	2.689	64	41004	43.14	ug/l	98
7) Trichlorofluoromethane	3.004	101	104112	49.63	ug/l	98
8) Diethyl Ether	3.390	74	36454	47.36	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.734	101	49857	44.94	ug/l	99
10) Methyl Iodide	3.927	142	76709	44.27	ug/l	95
11) Tert butyl alcohol	4.750	59	59061	291.38	ug/l	100
12) 1,1-Dichloroethene	3.711	96	53537	45.73	ug/l	93
13) Acrolein	3.583	56	49332	265.95	ug/l	97
14) Allyl chloride	4.293	41	92835	46.45	ug/l	96
15) Acrylonitrile	4.943	53	138196	245.87	ug/l	98
16) Acetone	3.788	43	111930	244.39	ug/l	98
17) Carbon Disulfide	4.026	76	151974	45.57	ug/l	99
18) Methyl Acetate	4.293	43	57956	48.12	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	200196	53.15	ug/l	97
20) Methylene Chloride	4.518	84	63833	47.22	ug/l	96
21) trans-1,2-Dichloroethene	5.000	96	58633	47.65	ug/l	94
22) Diisopropyl ether	5.914	45	180381	45.12	ug/l	96
23) Vinyl Acetate	5.853	43	707336	225.56	ug/l	99
24) 1,1-Dichloroethane	5.811	63	110369	47.78	ug/l	99
25) 2-Butanone	6.791	43	171895	238.21	ug/l	98
26) 2,2-Dichloropropane	6.782	77	97149	53.62	ug/l	96
27) cis-1,2-Dichloroethene	6.788	96	69528	49.60	ug/l	97
28) Bromochloromethane	7.155	49	46516	43.69	ug/l	100
29) Tetrahydrofuran	7.171	42	114196	229.87	ug/l	95
30) Chloroform	7.335	83	115229	50.49	ug/l	99
31) Cyclohexane	7.618	56	91862	42.26	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	104786	54.75	ug/l	99
36) 1,1-Dichloropropene	7.756	75	83459	46.04	ug/l	99
37) Ethyl Acetate	6.888	43	69365	42.37	ug/l	94
38) Carbon Tetrachloride	7.737	117	88272	52.39	ug/l	98
39) Methylcyclohexane	9.045	83	88708	43.55	ug/l	98
40) Benzene	8.004	78	252533	45.40	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	37981	47.93	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	91475	50.04	ug/l	99
43) Isopropyl Acetate	8.126	43	126638	48.54	ug/l	98
44) Trichloroethene	8.801	130	69860	50.78	ug/l	99
45) 1,2-Dichloropropane	9.084	63	64383	45.20	ug/l	98
46) Dibromomethane	9.174	93	43476	50.10	ug/l	95
47) Bromodichloromethane	9.370	83	93610	52.99	ug/l	97
48) Methyl methacrylate	9.164	41	61484	46.51	ug/l	99
49) 1,4-Dioxane	9.164	88	23186	1029.38	ug/l	95
51) 4-Methyl-2-Pentanone	9.949	43	362255	228.18	ug/l	97
52) Toluene	10.122	92	160831	47.08	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	106206	48.66	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	111420	50.86	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	62836	49.15	ug/l	98
56) Ethyl methacrylate	10.396	69	94850	49.34	ug/l	99
57) 1,3-Dichloropropane	10.675	76	107589	47.74	ug/l	100
59) 2-Hexanone	10.720	43	259850	229.78	ug/l	98
60) Dibromochloromethane	10.872	129	69808	53.42	ug/l	99
61) 1,2-Dibromoethane	10.974	107	65447	50.40	ug/l	98
64) Tetrachloroethene	10.602	164	64975	50.72	ug/l	95
65) Chlorobenzene	11.402	112	171095	49.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	65562	55.01	ug/l	99
67) Ethyl Benzene	11.483	91	306572	48.82	ug/l	100
68) m/p-Xylenes	11.592	106	234349	100.00	ug/l	96
69) o-Xylene	11.920	106	115690	51.20	ug/l	98
70) Styrene	11.936	104	190917	51.32	ug/l	96
71) Bromoform	12.100	173	46286	50.90	ug/l #	98
73) Isopropylbenzene	12.219	105	297881	47.28	ug/l	100
74) N-amyl acetate	12.042	43	93797	42.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	88931	47.84	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	88071m	47.49	ug/l	
77) Bromobenzene	12.495	156	71851	49.84	ug/l	88
78) n-propylbenzene	12.563	91	326272	45.54	ug/l	99
79) 2-Chlorotoluene	12.646	91	208664	46.47	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	255360	47.71	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	29169	50.13	ug/l	97
82) 4-Chlorotoluene	12.746	91	216900	47.83	ug/l	96
83) tert-Butylbenzene	12.965	119	211176	47.75	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	254981	47.46	ug/l	99
85) sec-Butylbenzene	13.142	105	263851	45.95	ug/l	100
86) p-Isopropyltoluene	13.261	119	245143	47.03	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	125471	49.18	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	126950	48.71	ug/l	97
89) n-Butylbenzene	13.585	91	202899	46.17	ug/l	98
90) Hexachloroethane	13.843	117	38870	44.04	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	128383	50.18	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	22273	60.61	ug/l	80
93) 1,2,4-Trichlorobenzene	14.878	180	70445	50.97	ug/l	99
94) Hexachlorobutadiene	14.978	225	28565	48.10	ug/l	99
95) Naphthalene	15.100	128	238825	53.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	70921	51.38	ug/l	99

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

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