

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065965.D
 Acq On : 22 Feb 2021 17:19
 Operator : JC/MD
 Sample : M1448-05MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3-138-150-021721MS

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 11:49:20 AM

Quant Time: Feb 23 00:10:31 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	7.631	168	128134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	238588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	222045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	99328	55.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	110.86%		
35) Dibromofluoromethane	7.553	113	72953	49.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.82%		
50) Toluene-d8	10.058	98	294182	48.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.06%		
62) 4-Bromofluorobenzene	12.373	95	114663	50.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	75878	45.23	ug/l	100
3) Chloromethane	2.055	50	96375	45.85	ug/l	97
4) Vinyl Chloride	2.184	62	94620	45.70	ug/l	99
5) Bromomethane	2.547	94	57941	45.68	ug/l	94
6) Chloroethane	2.692	64	53586	45.87	ug/l	100
7) Trichlorofluoromethane	3.007	101	126453	49.04	ug/l	98
8) Diethyl Ether	3.390	74	46541	49.19	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.734	101	58600	42.97	ug/l	99
10) Methyl Iodide	3.926	142	94473	44.36	ug/l	96
11) Tert butyl alcohol	4.746	59	70638	283.52	ug/l	99
12) 1,1-Dichloroethene	3.714	96	70520	49.00	ug/l	90
13) Acrolein	3.582	56	44039	193.15	ug/l	96
14) Allyl chloride	4.293	41	98221	39.98	ug/l	95
15) Acrylonitrile	4.943	53	173559	251.21	ug/l	98
16) Acetone	3.788	43	139860	248.46	ug/l	99
17) Carbon Disulfide	4.029	76	189890	46.33	ug/l	98
18) Methyl Acetate	4.293	43	46322	31.29	ug/l	96
19) Methyl tert-butyl Ether	5.010	73	240673	51.98	ug/l	99
20) Methylene Chloride	4.521	84	78158	47.04	ug/l	99
21) trans-1,2-Dichloroethene	5.004	96	70038	46.31	ug/l	90
22) Diisopropyl ether	5.914	45	228995	46.60	ug/l	94
23) Vinyl Acetate	5.856	43	582120	151.02	ug/l	99
24) 1,1-Dichloroethane	5.807	63	141398	49.80	ug/l	98
25) 2-Butanone	6.791	43	211664	238.64	ug/l	98
26) 2,2-Dichloropropane	6.782	77	62015	27.84	ug/l	97
27) cis-1,2-Dichloroethene	6.788	96	89451	51.92	ug/l	99
28) Bromochloromethane	7.155	49	65718	50.21	ug/l	96
29) Tetrahydrofuran	7.174	42	143009	234.19	ug/l	97
30) Chloroform	7.335	83	144006	51.34	ug/l	98
31) Cyclohexane	7.618	56	119426	44.70	ug/l	99
32) 1,1,1-Trichloroethane	7.537	97	127662	54.26	ug/l	99
36) 1,1-Dichloropropene	7.756	75	103702	44.08	ug/l	99
37) Ethyl Acetate	6.888	43	59558	28.03	ug/l	98
38) Carbon Tetrachloride	7.737	117	105287	48.15	ug/l	96
39) Methylcyclohexane	9.048	83	107990	40.85	ug/l	97
40) Benzene	8.007	78	327340	45.35	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	42639	41.46	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	117975	49.74	ug/l	98
43) Isopropyl Acetate	8.129	43	126491	37.36	ug/l	95
44) Trichloroethene	8.801	130	95746	53.64	ug/l	99
45) 1,2-Dichloropropane	9.084	63	83439	45.14	ug/l	98
46) Dibromomethane	9.174	93	53959	47.92	ug/l	95
47) Bromodichloromethane	9.370	83	116821	50.96	ug/l	99
48) Methyl methacrylate	9.164	41	78006	45.47	ug/l	97
49) 1,4-Dioxane	9.167	88	29532	1010.36	ug/l	94
51) 4-Methyl-2-Pentanone	9.952	43	454094	220.42	ug/l	99
52) Toluene	10.122	92	225190	50.80	ug/l	95
53) t-1,3-Dichloropropene	10.351	75	121393	43.09	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	127867	44.98	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	77809	46.90	ug/l	97
56) Ethyl methacrylate	10.399	69	119530	47.92	ug/l	98
57) 1,3-Dichloropropane	10.675	76	137157	46.90	ug/l	100
59) 2-Hexanone	10.720	43	328205	223.65	ug/l	98
60) Dibromochloromethane	10.872	129	87410	51.55	ug/l	99
61) 1,2-Dibromoethane	10.974	107	81885	48.59	ug/l	99
64) Tetrachloroethene	10.601	164	81355	47.46	ug/l	97
65) Chlorobenzene	11.402	112	217864	46.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	80731	50.62	ug/l	98
67) Ethyl Benzene	11.482	91	395963	47.12	ug/l	97
68) m/p-Xylenes	11.592	106	293832	93.69	ug/l	95
69) o-Xylene	11.920	106	145431	48.10	ug/l	96
70) Styrene	11.936	104	243108	48.84	ug/l	96
71) Bromoform	12.100	173	54679	45.22	ug/l #	97
73) Isopropylbenzene	12.222	105	375942	46.00	ug/l	100
74) N-amyl acetate	12.042	43	82112	28.96	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	107711	44.67	ug/l	100
76) 1,2,3-Trichloropropane	12.527	75	102898m	42.77	ug/l	
77) Bromobenzene	12.499	156	91274	48.81	ug/l	89
78) n-propylbenzene	12.563	91	411027	44.22	ug/l	100
79) 2-Chlorotoluene	12.646	91	263715	45.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	323046	46.53	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	29294	38.81	ug/l	94
82) 4-Chlorotoluene	12.746	91	271174	46.10	ug/l	96
83) tert-Butylbenzene	12.965	119	264843	46.17	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	321045	46.06	ug/l	100
85) sec-Butylbenzene	13.145	105	331815	44.55	ug/l	99
86) p-Isopropyltoluene	13.261	119	303334	44.86	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	155646	47.03	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	158464	46.87	ug/l	97
89) n-Butylbenzene	13.585	91	244125	42.82	ug/l	100
90) Hexachloroethane	13.846	117	43804	38.26	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	159138	47.95	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	25234	53.04	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	89523	49.99	ug/l	99
94) Hexachlorobutadiene	14.977	225	31729	41.19	ug/l	98
95) Naphthalene	15.100	128	310545	53.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	92236	51.51	ug/l	98

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

