

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065684.D
 Acq On : 29 Jan 2021 18:06
 Operator : JC/MD
 Sample : M1288-12MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-6SMS

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:45:18 AM

Quant Time: Jan 30 01:05:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	140378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	253987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	224961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	99214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	88677	48.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.04%		
35) Dibromofluoromethane	7.547	113	75273	50.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.02%		
50) Toluene-d8	10.058	98	290198	49.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.10%		
62) 4-Bromofluorobenzene	12.373	95	108532	50.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.88%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	79026	50.26	ug/l	99
3) Chloromethane	2.036	50	118115	51.11	ug/l	99
4) Vinyl Chloride	2.168	62	117309	50.13	ug/l	99
5) Bromomethane	2.531	94	68659	50.69	ug/l	95
6) Chloroethane	2.676	64	68068	50.29	ug/l	99
7) Trichlorofluoromethane	2.991	101	123317	50.41	ug/l	99
8) Diethyl Ether	3.377	74	57457	49.27	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.718	101	74635	50.28	ug/l	95
10) Methyl Iodide	3.907	142	111876	51.41	ug/l	97
11) Tert butyl alcohol	4.763	59	81094	234.42	ug/l #	84
12) 1,1-Dichloroethene	3.695	96	80389	47.04	ug/l	94
13) Acrolein	3.570	56	73365	245.73	ug/l	98
14) Allyl chloride	4.274	41	156767	49.48	ug/l	90
15) Acrylonitrile	4.936	53	227972	252.96	ug/l	99
16) Acetone	3.782	43	165850	230.68	ug/l	97
17) Carbon Disulfide	4.004	76	230076	42.76	ug/l	97
18) Methyl Acetate	4.283	43	98373	48.83	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	278321	48.79	ug/l	96
20) Methylene Chloride	4.499	84	94384	47.41	ug/l	97
21) trans-1,2-Dichloroethene	4.988	96	86087	47.40	ug/l	86
22) Diisopropyl ether	5.907	45	322561	49.81	ug/l	95
23) Vinyl Acetate	5.846	43	1232226	238.21	ug/l	97
24) 1,1-Dichloroethane	5.795	63	175384	50.81	ug/l	98
25) 2-Butanone	6.795	43	287112	254.68	ug/l	94
26) 2,2-Dichloropropane	6.772	77	122404	44.31	ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	104078	50.01	ug/l	94
28) Bromochloromethane	7.148	49	67668	46.65	ug/l	82
29) Tetrahydrofuran	7.174	42	197636	241.71	ug/l	95
30) Chloroform	7.328	83	159493	50.17	ug/l	99
31) Cyclohexane	7.611	56	158188	45.54	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	126454	48.86	ug/l	97
36) 1,1-Dichloropropene	7.750	75	127625	49.93	ug/l	96
37) Ethyl Acetate	6.888	43	120921	49.31	ug/l	99
38) Carbon Tetrachloride	7.730	117	102923	48.92	ug/l	98
39) Methylcyclohexane	9.042	83	140244	44.97	ug/l	96
40) Benzene	8.000	78	391060	50.10	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	61160	46.46	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	118214	50.24	ug/l	99
43) Isopropyl Acetate	8.129	43	200324	46.07	ug/l	94
44) Trichloroethene	8.798	130	96731	51.08	ug/l	99
45) 1,2-Dichloropropane	9.081	63	109875	51.16	ug/l	99
46) Dibromomethane	9.174	93	60136	50.69	ug/l	92
47) Bromodichloromethane	9.367	83	124375	48.87	ug/l	99
48) Methyl methacrylate	9.164	41	100433	48.69	ug/l	91
49) 1,4-Dioxane	9.171	88	35222	1055.29	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	601969	251.14	ug/l	99
52) Toluene	10.122	92	231055	49.97	ug/l	100
53) t-1,3-Dichloropropene	10.351	75	143400	48.38	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	162281	49.16	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	90858	51.52	ug/l	96
56) Ethyl methacrylate	10.399	69	147891	50.72	ug/l #	95
57) 1,3-Dichloropropane	10.675	76	162180	52.25	ug/l	100
59) 2-Hexanone	10.720	43	424123	254.86	ug/l	98
60) Dibromochloromethane	10.872	129	89303	49.55	ug/l	99
61) 1,2-Dibromoethane	10.975	107	90316	51.39	ug/l	99
64) Tetrachloroethene	10.598	164	91833	48.71	ug/l	96
65) Chlorobenzene	11.402	112	241564	51.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	82734	49.73	ug/l	98
67) Ethyl Benzene	11.479	91	438157	49.56	ug/l	98
68) m/p-Xylenes	11.592	106	326501	102.01	ug/l	98
69) o-Xylene	11.917	106	157905	50.91	ug/l	98
70) Styrene	11.933	104	263042	51.53	ug/l	99
71) Bromoform	12.097	173	56995	49.56	ug/l #	99
73) Isopropylbenzene	12.219	105	406407	46.78	ug/l	99
74) N-amyl acetate	12.042	43	170187	46.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	122429	47.72	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	120364m	46.40	ug/l	
77) Bromobenzene	12.495	156	92994	49.44	ug/l	79
78) n-propylbenzene	12.560	91	472277	46.13	ug/l	98
79) 2-Chlorotoluene	12.643	91	283191	46.58	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	337579	45.64	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	43434	42.88	ug/l	95
82) 4-Chlorotoluene	12.743	91	292373	47.10	ug/l	95
83) tert-Butylbenzene	12.965	119	278473	45.15	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	344338	46.68	ug/l	99
85) sec-Butylbenzene	13.142	105	370864	44.54	ug/l	97
86) p-Isopropyltoluene	13.257	119	332062	45.16	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	164937	49.19	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	163855	48.16	ug/l	97
89) n-Butylbenzene	13.585	91	282386	42.75	ug/l	98
90) Hexachloroethane	13.843	117	56176	43.67	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	167360	50.31	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	23942	47.03	ug/l	91
93) 1,2,4-Trichlorobenzene	14.878	180	88740	44.42	ug/l	100
94) Hexachlorobutadiene	14.978	225	34829	42.38	ug/l	99
95) Naphthalene	15.100	128	286192	44.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	86044	43.72	ug/l	99

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

