

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065685.D
 Acq On : 29 Jan 2021 18:30
 Operator : JC/MD
 Sample : M1288-13MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-6SMSD

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 10:37:45 AM

Quant Time: Jan 30 01:05:35 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	140551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	255568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	228193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	96951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	86502	46.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.56%		
35) Dibromofluoromethane	7.550	113	73498	48.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.06%		
50) Toluene-d8	10.058	98	282424	47.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.88%		
62) 4-Bromofluorobenzene	12.373	95	103803	48.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.84%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	78593	49.92	ug/l	97
3) Chloromethane	2.036	50	115399	49.88	ug/l	98
4) Vinyl Chloride	2.168	62	115714	49.39	ug/l	100
5) Bromomethane	2.531	94	69784	51.46	ug/l	94
6) Chloroethane	2.676	64	69168	51.04	ug/l	100
7) Trichlorofluoromethane	2.991	101	122325	49.94	ug/l	100
8) Diethyl Ether	3.377	74	57906	49.59	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.714	101	74767	50.30	ug/l	95
10) Methyl Iodide	3.907	142	113022	51.88	ug/l	96
11) Tert butyl alcohol	4.766	59	76494	220.85	ug/l	100
12) 1,1-Dichloroethene	3.695	96	80866	47.26	ug/l	93
13) Acrolein	3.570	56	72611	243.12	ug/l	97
14) Allyl chloride	4.274	41	154205	48.61	ug/l	90
15) Acrylonitrile	4.936	53	226326	250.83	ug/l	99
16) Acetone	3.782	43	159790	221.98	ug/l	96
17) Carbon Disulfide	4.004	76	230383	42.77	ug/l	98
18) Methyl Acetate	4.283	43	97247	48.21	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	277592	48.60	ug/l	96
20) Methylene Chloride	4.499	84	95061	47.69	ug/l	98
21) trans-1,2-Dichloroethene	4.984	96	87701	48.23	ug/l	91
22) Diisopropyl ether	5.907	45	318102	49.06	ug/l	94
23) Vinyl Acetate	5.846	43	1206901	233.03	ug/l	98
24) 1,1-Dichloroethane	5.795	63	174169	50.40	ug/l	98
25) 2-Butanone	6.795	43	277484	245.84	ug/l	95
26) 2,2-Dichloropropane	6.775	77	120614	43.61	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	103684	49.76	ug/l	95
28) Bromochloromethane	7.152	49	65443	45.06	ug/l	84
29) Tetrahydrofuran	7.171	42	192689	235.37	ug/l	96
30) Chloroform	7.328	83	157327	49.42	ug/l	99
31) Cyclohexane	7.611	56	157840	45.39	ug/l	94
32) 1,1,1-Trichloroethane	7.528	97	125392	48.39	ug/l	98
36) 1,1-Dichloropropene	7.750	75	125603	48.84	ug/l	98
37) Ethyl Acetate	6.888	43	120385	48.79	ug/l	100
38) Carbon Tetrachloride	7.730	117	103883	49.07	ug/l	99
39) Methylcyclohexane	9.042	83	140532	44.79	ug/l	96
40) Benzene	8.000	78	393972	50.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	60883	45.96	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	120756	51.00	ug/l	98
43) Isopropyl Acetate	8.129	43	200909	45.92	ug/l #	92
44) Trichloroethene	8.798	130	95728	50.24	ug/l	96
45) 1,2-Dichloropropane	9.084	63	108139	50.04	ug/l	99
46) Dibromomethane	9.174	93	60656	50.81	ug/l	93
47) Bromodichloromethane	9.367	83	123048	48.05	ug/l	99
48) Methyl methacrylate	9.164	41	97399	46.93	ug/l	92
49) 1,4-Dioxane	9.174	88	33405	994.66	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	587037	243.40	ug/l	99
52) Toluene	10.122	92	231095	49.67	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	142745	47.87	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	162572	48.94	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	90239	50.85	ug/l	96
56) Ethyl methacrylate	10.399	69	146052	49.78	ug/l #	95
57) 1,3-Dichloropropane	10.675	76	161812	51.81	ug/l	100
59) 2-Hexanone	10.720	43	415248	247.99	ug/l	99
60) Dibromochloromethane	10.872	129	90197	49.73	ug/l	100
61) 1,2-Dibromoethane	10.975	107	90208	51.01	ug/l	100
64) Tetrachloroethene	10.598	164	91301	47.74	ug/l	97
65) Chlorobenzene	11.402	112	237276	49.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	83552	49.51	ug/l	97
67) Ethyl Benzene	11.479	91	435023	48.51	ug/l	98
68) m/p-Xylenes	11.592	106	319425	98.39	ug/l	97
69) o-Xylene	11.917	106	157385	50.03	ug/l	100
70) Styrene	11.933	104	257938	49.81	ug/l	98
71) Bromoform	12.097	173	55987	47.99	ug/l #	99
73) Isopropylbenzene	12.219	105	404895	47.70	ug/l	100
74) N-amyl acetate	12.042	43	165886	46.20	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	122505	48.86	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	118760m	46.85	ug/l	
77) Bromobenzene	12.495	156	91829	49.96	ug/l	80
78) n-propylbenzene	12.560	91	462543	46.24	ug/l	98
79) 2-Chlorotoluene	12.643	91	279541	47.05	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	339586	46.98	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	43656	44.11	ug/l	92
82) 4-Chlorotoluene	12.743	91	285515	47.07	ug/l	96
83) tert-Butylbenzene	12.965	119	278076	46.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	341826	47.42	ug/l	99
85) sec-Butylbenzene	13.142	105	365781	44.96	ug/l	98
86) p-Isopropyltoluene	13.257	119	328088	45.67	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	160741	49.06	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	162335	48.82	ug/l	98
89) n-Butylbenzene	13.585	91	280562	43.47	ug/l	98
90) Hexachloroethane	13.846	117	56176	44.69	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	161449	49.67	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	23619	47.48	ug/l	92
93) 1,2,4-Trichlorobenzene	14.878	180	86913	44.52	ug/l	99
94) Hexachlorobutadiene	14.978	225	35200	43.83	ug/l	99
95) Naphthalene	15.100	128	283583	45.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	88321	45.78	ug/l	100

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

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