

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065891.D
 Acq On : 16 Feb 2021 22:39
 Operator : JC/MD
 Sample : M1417-04MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-468-470MSD

Manual Integrations
 APPROVED

MMDadoda
 2/17/2021 10:36:15 AM

Quant Time: Feb 17 00:16:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	95868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	165784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	152494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	68405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	59525	47.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.40%			
35) Dibromofluoromethane	7.547	113	55155	56.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.28%			
50) Toluene-d8	10.058	98	204327	52.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.82%			
62) 4-Bromofluorobenzene	12.373	95	79067	56.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.72%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	56082	52.23	ug/l	99
3) Chloromethane	2.039	50	70087	44.41	ug/l	97
4) Vinyl Chloride	2.164	62	75595	47.31	ug/l	98
5) Bromomethane	2.518	94	48097	52.00	ug/l	97
6) Chloroethane	2.666	64	41762	45.18	ug/l	98
7) Trichlorofluoromethane	2.984	101	88409	52.92	ug/l	97
8) Diethyl Ether	3.377	74	37443	47.01	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.711	101	51812	51.11	ug/l	98
10) Methyl Iodide	3.901	142	85751	57.70	ug/l	97
11) Tert butyl alcohol	4.766	59	49147	208.03	ug/l	97
12) 1,1-Dichloroethene	3.692	96	55004	47.13	ug/l	93
13) Acrolein	3.566	56	55634	270.86	ug/l	100
14) Allyl chloride	4.267	41	83134	38.42	ug/l	90
15) Acrylonitrile	4.933	53	136887	222.41	ug/l	98
16) Acetone	3.779	43	91705	186.77	ug/l	91
17) Carbon Disulfide	3.997	76	145839	39.69	ug/l	100
18) Methyl Acetate	4.283	43	54882	39.89	ug/l	95
19) Methyl tert-butyl Ether	4.994	73	178457	45.81	ug/l	99
20) Methylene Chloride	4.496	84	64149	47.18	ug/l	93
21) trans-1,2-Dichloroethene	4.984	96	58700	47.33	ug/l	97
22) Diisopropyl ether	5.907	45	170998	38.67	ug/l	95
23) Vinyl Acetate	5.846	43	646243	182.93	ug/l	96
24) 1,1-Dichloroethane	5.795	63	105396	44.71	ug/l	99
25) 2-Butanone	6.794	43	162527	211.11	ug/l	96
26) 2,2-Dichloropropane	6.772	77	73303	38.85	ug/l	97
27) cis-1,2-Dichloroethene	6.778	96	69974	49.24	ug/l	95
28) Bromochloromethane	7.148	49	47340	47.79	ug/l	95
29) Tetrahydrofuran	7.171	42	112174	200.88	ug/l	93
30) Chloroform	7.328	83	104109	47.95	ug/l	97
31) Cyclohexane	7.608	56	93908	39.59	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	87145	49.30	ug/l	98
36) 1,1-Dichloropropene	7.749	75	80716	48.38	ug/l	99
37) Ethyl Acetate	6.888	43	66569	41.59	ug/l	95
38) Carbon Tetrachloride	7.730	117	72292	52.64	ug/l	97
39) Methylcyclohexane	9.045	83	90873	44.65	ug/l	98
40) Benzene	8.000	78	254758	50.00	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	33747	39.27	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	76847	50.03	ug/l	95
43) Isopropyl Acetate	8.129	43	109749	38.67	ug/l	94
44) Trichloroethene	8.798	130	68184	55.16	ug/l	97
45) 1,2-Dichloropropane	9.081	63	65464	46.70	ug/l	98
46) Dibromomethane	9.174	93	40597	52.43	ug/l	99
47) Bromodichloromethane	9.367	83	79685	47.97	ug/l	99
48) Methyl methacrylate	9.164	41	56505	41.97	ug/l	94
49) 1,4-Dioxane	9.167	88	23951	1099.38	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	343521	219.57	ug/l	93
52) Toluene	10.122	92	165010	54.68	ug/l	95
53) t-1,3-Dichloropropene	10.351	75	89488	46.26	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	100662	46.71	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	63567	55.22	ug/l	99
56) Ethyl methacrylate	10.399	69	92504	48.60	ug/l #	89
57) 1,3-Dichloropropane	10.675	76	104995	51.82	ug/l	99
59) 2-Hexanone	10.720	43	248489	228.77	ug/l	91
60) Dibromochloromethane	10.871	129	63078	53.62	ug/l	98
61) 1,2-Dibromoethane	10.974	107	65492	57.09	ug/l	98
64) Tetrachloroethene	10.598	164	63918	50.02	ug/l	97
65) Chlorobenzene	11.402	112	175488	55.01	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	59013	52.33	ug/l	98
67) Ethyl Benzene	11.479	91	305203	50.93	ug/l	99
68) m/p-Xylenes	11.592	106	237965	109.68	ug/l	98
69) o-Xylene	11.916	106	116059	55.20	ug/l	95
70) Styrene	11.933	104	184967	53.45	ug/l	98
71) Bromoform	12.100	173	41428	53.14	ug/l #	99
73) Isopropylbenzene	12.219	105	293677	49.03	ug/l	99
74) N-amyl acetate	12.042	43	92469	36.50	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.476	83	85563	48.37	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	82581m	46.17	ug/l	
77) Bromobenzene	12.495	156	71642	55.24	ug/l	94
78) n-propylbenzene	12.560	91	325263	46.08	ug/l	99
79) 2-Chlorotoluene	12.643	91	198476	47.34	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	247698	48.57	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	27084	38.78	ug/l	93
82) 4-Chlorotoluene	12.743	91	203134	47.46	ug/l	99
83) tert-Butylbenzene	12.965	119	203797	47.92	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	246455	48.46	ug/l	97
85) sec-Butylbenzene	13.141	105	261866	45.61	ug/l	100
86) p-Isopropyltoluene	13.260	119	238137	46.98	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	121729	52.66	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	120717	51.46	ug/l	99
89) n-Butylbenzene	13.585	91	186300	40.91	ug/l	98
90) Hexachloroethane	13.846	117	38787	43.73	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	121199	52.84	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.241	75	15566	44.35	ug/l	98
93) 1,2,4-Trichlorobenzene	14.878	180	56619	41.36	ug/l	99
94) Hexachlorobutadiene	14.977	225	23484	41.45	ug/l	99
95) Naphthalene	15.100	128	197369	44.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	57118	42.20	ug/l	99

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

