

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065745.D
 Acq On : 5 Feb 2021 18:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/8/2021 11:34:16 AM

Quant Time: Feb 05 22:50:53 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	139875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	248398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	229709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	103044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	83829	45.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.10%		
35) Dibromofluoromethane	7.547	113	73848	50.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.34%		
50) Toluene-d8	10.058	98	287849	49.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.50%		
62) 4-Bromofluorobenzene	12.373	95	110402	52.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	77477	49.45	ug/l	98
3) Chloromethane	2.039	50	116148	50.44	ug/l	98
4) Vinyl Chloride	2.168	62	116693	50.05	ug/l	100
5) Bromomethane	2.528	94	69866	51.77	ug/l	97
6) Chloroethane	2.672	64	65597	48.63	ug/l	98
7) Trichlorofluoromethane	2.987	101	120116	49.28	ug/l	99
8) Diethyl Ether	3.377	74	54831	47.19	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.711	101	73104	49.42	ug/l	95
10) Methyl Iodide	3.901	142	115783	53.40	ug/l	97
11) Tert butyl alcohol	4.766	59	66463	192.82	ug/l	99
12) 1,1-Dichloroethene	3.692	96	77450	45.48	ug/l	96
13) Acrolein	3.566	56	73210	246.07	ug/l	99
14) Allyl chloride	4.270	41	141738	44.90	ug/l	90
15) Acrylonitrile	4.936	53	211185	235.18	ug/l	99
16) Acetone	3.778	43	146465	204.45	ug/l	96
17) Carbon Disulfide	4.000	76	208089	38.82	ug/l	99
18) Methyl Acetate	4.283	43	95381	47.52	ug/l	99
19) Methyl tert-butyl Ether	4.997	73	260239	45.78	ug/l	96
20) Methylene Chloride	4.495	84	93732	47.25	ug/l	98
21) trans-1,2-Dichloroethene	4.984	96	82462	45.57	ug/l	91
22) Diisopropyl ether	5.907	45	297777	46.15	ug/l	94
23) Vinyl Acetate	5.846	43	1158934	224.85	ug/l	98
24) 1,1-Dichloroethane	5.794	63	164938	47.96	ug/l	99
25) 2-Butanone	6.794	43	257711	229.42	ug/l	97
26) 2,2-Dichloropropane	6.775	77	118378	43.01	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	99401	47.94	ug/l	94
28) Bromochloromethane	7.148	49	59570	41.22	ug/l	89
29) Tetrahydrofuran	7.174	42	177195	217.49	ug/l	97
30) Chloroform	7.328	83	152763	48.22	ug/l	97
31) Cyclohexane	7.608	56	147281	42.56	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	121946	47.29	ug/l	99
36) 1,1-Dichloropropene	7.749	75	119769	47.91	ug/l	98
37) Ethyl Acetate	6.891	43	114482	47.74	ug/l	98
38) Carbon Tetrachloride	7.730	117	100283	48.73	ug/l	99
39) Methylcyclohexane	9.042	83	137555	45.10	ug/l	98
40) Benzene	8.000	78	377814	49.49	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	58775	45.65	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	113997	49.54	ug/l	98
43) Isopropyl Acetate	8.129	43	186994	43.97	ug/l	93
44) Trichloroethene	8.801	130	92745	50.08	ug/l	96
45) 1,2-Dichloropropane	9.084	63	104412	49.71	ug/l	100
46) Dibromomethane	9.174	93	58521	50.44	ug/l	94
47) Bromodichloromethane	9.370	83	118557	47.63	ug/l	100
48) Methyl methacrylate	9.167	41	93492	46.35	ug/l	92
49) 1,4-Dioxane	9.167	88	30498	934.31	ug/l	94
51) 4-Methyl-2-Pentanone	9.952	43	566330	241.59	ug/l	99
52) Toluene	10.122	92	233402	51.62	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	139013	47.96	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	156296	48.41	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	90175	52.29	ug/l	96
56) Ethyl methacrylate	10.399	69	142334	49.91	ug/l #	94
57) 1,3-Dichloropropane	10.675	76	157259	51.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.662	63	310373	235.63	ug/l	95
59) 2-Hexanone	10.720	43	400446	246.05	ug/l	97
60) Dibromochloromethane	10.871	129	89002	50.49	ug/l	99
61) 1,2-Dibromoethane	10.974	107	91685	53.34	ug/l	100
64) Tetrachloroethene	10.598	164	90599	47.06	ug/l	97
65) Chlorobenzene	11.402	112	244356	50.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	83687	49.26	ug/l	97
67) Ethyl Benzene	11.482	91	439957	48.74	ug/l	100
68) m/p-Xylenes	11.592	106	330743	101.20	ug/l	100
69) o-Xylene	11.916	106	161896	51.12	ug/l	99
70) Styrene	11.932	104	270729	51.94	ug/l	99
71) Bromoform	12.096	173	57280	48.78	ug/l #	99
73) Isopropylbenzene	12.219	105	419840	46.53	ug/l	100
74) N-amyl acetate	12.042	43	168549	44.17	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	124535	46.74	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	119520m	44.36	ug/l	
77) Bromobenzene	12.495	156	98395	50.37	ug/l	84
78) n-propylbenzene	12.563	91	481165	45.25	ug/l	99
79) 2-Chlorotoluene	12.643	91	289372	45.82	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	351492	45.76	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	43198	41.06	ug/l	93
82) 4-Chlorotoluene	12.743	91	294857	45.74	ug/l	97
83) tert-Butylbenzene	12.965	119	293189	45.77	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	355223	46.36	ug/l	98
85) sec-Butylbenzene	13.141	105	391374	45.26	ug/l	98
86) p-Isopropyltoluene	13.260	119	354816	46.47	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	173200	49.74	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	171638	48.57	ug/l	98
89) n-Butylbenzene	13.585	91	309004	45.05	ug/l	99
90) Hexachloroethane	13.846	117	57590	43.10	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	170985	49.49	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	23083	43.65	ug/l	94
93) 1,2,4-Trichlorobenzene	14.878	180	92956	44.77	ug/l	99
94) Hexachlorobutadiene	14.977	225	38777	45.42	ug/l	98
95) Naphthalene	15.100	128	302079	45.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	93848	45.77	ug/l	100

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

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