

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066015.D
 Acq On : 24 Feb 2021 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:04 PM

Quant Time: Feb 25 02:17:37 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	7.627	168	95839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	166736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	152980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	71871	53.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.26%			
35) Dibromofluoromethane	7.553	113	51876	50.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.54%			
50) Toluene-d8	10.058	98	200371	47.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.60%			
62) 4-Bromofluorobenzene	12.373	95	78188	49.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.34%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	56349	44.91	ug/l	97
3) Chloromethane	2.055	50	64082	40.76	ug/l	99
4) Vinyl Chloride	2.184	62	65182	42.09	ug/l	99
5) Bromomethane	2.544	94	41798	44.05	ug/l	95
6) Chloroethane	2.689	64	36198	41.42	ug/l	94
7) Trichlorofluoromethane	3.004	101	98713	51.19	ug/l	100
8) Diethyl Ether	3.390	74	31617	44.68	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.734	101	45794	44.89	ug/l	100
10) Methyl Iodide	3.926	142	68971	43.29	ug/l	92
11) Tert butyl alcohol	4.750	59	53035	284.59	ug/l	100
12) 1,1-Dichloroethene	3.714	96	47912	44.51	ug/l	94
13) Acrolein	3.582	56	37924	222.38	ug/l	95
14) Allyl chloride	4.293	41	77586	42.22	ug/l	93
15) Acrylonitrile	4.946	53	124276	240.49	ug/l	99
16) Acetone	3.788	43	101346	240.66	ug/l	95
17) Carbon Disulfide	4.026	76	136871	44.64	ug/l	98
18) Methyl Acetate	4.293	43	53714	48.50	ug/l	97
19) Methyl tert-butyl Ether	5.007	73	177411	51.23	ug/l	100
20) Methylene Chloride	4.518	84	56664	45.60	ug/l	98
21) trans-1,2-Dichloroethene	5.004	96	52104	46.06	ug/l	89
22) Diisopropyl ether	5.910	45	161473	43.93	ug/l	96
23) Vinyl Acetate	5.852	43	683360	237.02	ug/l	99
24) 1,1-Dichloroethane	5.811	63	97781	46.04	ug/l	99
25) 2-Butanone	6.791	43	154755	233.27	ug/l	100
26) 2,2-Dichloropropane	6.782	77	89236	53.57	ug/l	96
27) cis-1,2-Dichloroethene	6.788	96	63877	49.57	ug/l	97
28) Bromochloromethane	7.158	49	41350	42.24	ug/l	96
29) Tetrahydrofuran	7.171	42	101517	222.27	ug/l	95
30) Chloroform	7.335	83	106600	50.81	ug/l	100
31) Cyclohexane	7.618	56	82197	41.13	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	99369	56.47	ug/l	98
36) 1,1-Dichloropropene	7.756	75	76689	46.65	ug/l	98
37) Ethyl Acetate	6.891	43	66038	44.48	ug/l	98
38) Carbon Tetrachloride	7.737	117	82742	54.15	ug/l	98
39) Methylcyclohexane	9.048	83	79899	43.25	ug/l	96
40) Benzene	8.007	78	226819	44.96	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	34150	47.52	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	89011	53.70	ug/l	98
43) Isopropyl Acetate	8.126	43	117207	49.54	ug/l	99
44) Trichloroethene	8.801	130	63865	51.19	ug/l	100
45) 1,2-Dichloropropane	9.084	63	57500	44.51	ug/l	99
46) Dibromomethane	9.174	93	39043	49.62	ug/l	95
47) Bromodichloromethane	9.370	83	86705	54.12	ug/l	99
48) Methyl methacrylate	9.164	41	55894	46.62	ug/l	98
49) 1,4-Dioxane	9.167	88	20956	1025.91	ug/l	98
51) 4-Methyl-2-Pentanone	9.949	43	329802	229.07	ug/l	99
52) Toluene	10.122	92	147549	47.63	ug/l	94
53) t-1,3-Dichloropropene	10.351	75	97516	49.24	ug/l	96
54) cis-1,3-Dichloropropene	9.807	75	102758	51.73	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	55169	47.59	ug/l	97
56) Ethyl methacrylate	10.399	69	86135	49.41	ug/l	100
57) 1,3-Dichloropropane	10.675	76	96106	47.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	170694	205.10	ug/l	98
59) 2-Hexanone	10.720	43	236264	230.38	ug/l	100
60) Dibromochloromethane	10.872	129	64290	54.25	ug/l	99
61) 1,2-Dibromoethane	10.974	107	59221	50.28	ug/l	100
64) Tetrachloroethene	10.601	164	61936	52.44	ug/l	95
65) Chlorobenzene	11.402	112	159168	49.75	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.479	131	60405	54.97	ug/l	97
67) Ethyl Benzene	11.482	91	281920	48.69	ug/l	100
68) m/p-Xylenes	11.592	106	215079	99.54	ug/l	96
69) o-Xylene	11.920	106	105208	50.50	ug/l	96
70) Styrene	11.936	104	174324	50.83	ug/l	96
71) Bromoform	12.100	173	42162	50.32	ug/l #	100
73) Isopropylbenzene	12.222	105	273322	47.15	ug/l	99
74) N-amyl acetate	12.042	43	86121	42.83	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	78032	45.62	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	79384m	46.52	ug/l	
77) Bromobenzene	12.498	156	66103	49.83	ug/l	90
78) n-propylbenzene	12.563	91	305449	46.33	ug/l	100
79) 2-Chlorotoluene	12.646	91	192502	46.59	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	240449	48.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	25525	47.67	ug/l	98
82) 4-Chlorotoluene	12.743	91	199562	47.83	ug/l	96
83) tert-Butylbenzene	12.965	119	197874	48.63	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	242602	49.07	ug/l	99
85) sec-Butylbenzene	13.142	105	248028	46.95	ug/l	100
86) p-Isopropyltoluene	13.261	119	232637	48.50	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	114616	48.82	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	116276	48.49	ug/l	96
89) n-Butylbenzene	13.585	91	193576	47.87	ug/l	100
90) Hexachloroethane	13.846	117	33923	41.77	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	116145	49.34	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	19298	57.13	ug/l	83
93) 1,2,4-Trichlorobenzene	14.878	180	63692	50.13	ug/l	98
94) Hexachlorobutadiene	14.977	225	26191	47.93	ug/l	99
95) Naphthalene	15.100	128	213840	51.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	66677	52.45	ug/l	99

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

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