

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066245.D
 Acq On : 18 Mar 2021 10:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/19/2021 3:33:44 PM

Quant Time: Mar 19 04:21:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	278195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	422379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	407137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	205021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	173838	43.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.74%		
35) Dibromofluoromethane	7.504	113	141874	52.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.30%		
50) Toluene-d8	10.025	98	522757	50.17	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.34%		
62) 4-Bromofluorobenzene	12.342	95	203179	54.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	127794	46.68	ug/l	96
3) Chloromethane	2.017	50	188130	42.62	ug/l	99
4) Vinyl Chloride	2.148	62	165816	41.97	ug/l	100
5) Bromomethane	2.518	94	98249	43.46	ug/l	98
6) Chloroethane	2.655	64	97017	42.45	ug/l	97
7) Trichlorofluoromethane	2.964	101	210412	45.49	ug/l	99
8) Diethyl Ether	3.347	74	88226	46.70	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.682	101	113492	46.31	ug/l	98
10) Methyl Iodide	3.870	142	169964	48.99	ug/l	98
11) Tert butyl alcohol	4.726	59	163674	239.23	ug/l	98
12) 1,1-Dichloroethene	3.661	96	112792	43.19	ug/l	97
13) Acrolein	3.532	56	134796	246.74	ug/l	99
14) Allyl chloride	4.229	41	323708	52.31	ug/l	99
15) Acrylonitrile	4.881	53	485960	237.18	ug/l	97
16) Acetone	3.744	43	490820	254.91	ug/l	98
17) Carbon Disulfide	3.967	76	348842	47.29	ug/l	100
18) Methyl Acetate	4.235	43	290969	54.00	ug/l	98
19) Methyl tert-butyl Ether	4.943	73	493526	49.43	ug/l	96
20) Methylene Chloride	4.452	84	142530	47.32	ug/l	96
21) trans-1,2-Dichloroethene	4.929	96	142775	49.34	ug/l	86
22) Diisopropyl ether	5.860	45	567962	44.68	ug/l #	93
23) Vinyl Acetate	5.796	43	2340373	214.73	ug/l #	93
24) 1,1-Dichloroethane	5.745	63	292584	46.18	ug/l	98
25) 2-Butanone	6.748	43	649120	217.05	ug/l #	90
26) 2,2-Dichloropropane	6.724	77	233658	44.62	ug/l	97
27) cis-1,2-Dichloroethene	6.729	96	170085	50.98	ug/l	85
28) Bromochloromethane	7.102	49	148761	44.41	ug/l #	75
29) Tetrahydrofuran	7.129	42	439648	213.48	ug/l	90
30) Chloroform	7.284	83	278977	48.22	ug/l	98
31) Cyclohexane	7.566	56	227309	37.86	ug/l	90
32) 1,1,1-Trichloroethane	7.485	97	222359	44.72	ug/l	96
36) 1,1-Dichloropropene	7.708	75	197985	46.29	ug/l	96
37) Ethyl Acetate	6.839	43	260345	42.59	ug/l #	95
38) Carbon Tetrachloride	7.689	117	186597	48.67	ug/l	97
39) Methylcyclohexane	9.011	83	219894	47.87	ug/l	92
40) Benzene	7.960	78	637166	49.63	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	128035	42.47	ug/l #	90
42) 1,2-Dichloroethane	8.046	62	220404	47.30	ug/l	95
43) Isopropyl Acetate	8.091	43	410451	43.42	ug/l #	94
44) Trichloroethene	8.765	130	169145	54.19	ug/l	88
45) 1,2-Dichloropropane	9.049	63	191332	51.48	ug/l	100
46) Dibromomethane	9.137	93	115468	55.77	ug/l	92
47) Bromodichloromethane	9.336	83	231625	51.30	ug/l	99
48) Methyl methacrylate	9.135	41	201497	44.96	ug/l	89
49) 1,4-Dioxane	9.140	88	51768	1064.63	ug/l #	88
51) 4-Methyl-2-Pentanone	9.921	43	1362748	238.53	ug/l	94
52) Toluene	10.092	92	393138	52.82	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	257492	50.44	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	284919	51.37	ug/l #	88
55) 1,1,2-Trichloroethane	10.500	97	171551	56.27	ug/l	96
56) Ethyl methacrylate	10.368	69	249967	46.11	ug/l #	84
57) 1,3-Dichloropropane	10.645	76	282831	51.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	154123	254.62	ug/l	91
59) 2-Hexanone	10.693	43	967902	216.86	ug/l	91
60) Dibromochloromethane	10.840	129	180341	56.47	ug/l	99
61) 1,2-Dibromoethane	10.945	107	174160	57.37	ug/l	99
64) Tetrachloroethene	10.570	164	183341	54.29	ug/l	96
65) Chlorobenzene	11.374	112	439325	53.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	168122	54.93	ug/l	98
67) Ethyl Benzene	11.452	91	738303	50.96	ug/l	96
68) m/p-Xylenes	11.562	106	584625	108.76	ug/l	92
69) o-Xylene	11.889	106	275873	53.43	ug/l	90
70) Styrene	11.905	104	485193	50.54	ug/l	95
71) Bromoform	12.069	173	143862	59.29	ug/l #	100
73) Isopropylbenzene	12.192	105	716134	49.84	ug/l	97
74) N-amyl acetate	12.015	43	348939	44.01	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.447	83	259869	51.75	ug/l	94
76) 1,2,3-Trichloropropane	12.495	75	256375m	48.42	ug/l	
77) Bromobenzene	12.468	156	201664	53.51	ug/l	92
78) n-propylbenzene	12.536	91	848736	51.36	ug/l	97
79) 2-Chlorotoluene	12.616	91	480496	47.61	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	569690	47.80	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	91859	51.92	ug/l	94
82) 4-Chlorotoluene	12.715	91	521377	47.54	ug/l	98
83) tert-Butylbenzene	12.935	119	498874	47.98	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	610281	52.37	ug/l	96
85) sec-Butylbenzene	13.115	105	672481	50.45	ug/l	97
86) p-Isopropyltoluene	13.233	119	603002	51.58	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	348051	54.50	ug/l	98
88) 1,4-Dichlorobenzene	13.303	146	332724	49.74	ug/l	96
89) n-Butylbenzene	13.557	91	505747	43.44	ug/l	98
90) Hexachloroethane	13.815	117	100966	49.33	ug/l	95
91) 1,2-Dichlorobenzene	13.595	146	339568	53.97	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.209	75	50319	45.00	ug/l	90
93) 1,2,4-Trichlorobenzene	14.850	180	217572	52.93	ug/l	98
94) Hexachlorobutadiene	14.949	225	87282	43.68	ug/l	99
95) Naphthalene	15.070	128	612783	50.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	200512	48.98	ug/l	99

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

