

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066196.D
 Acq On : 12 Mar 2021 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:37 PM

Quant Time: Mar 13 02:45:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	377957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	603203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	554727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.283	152	268168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	300074	49.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.42%		
35) Dibromofluoromethane	7.509	113	204839	50.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.66%		
50) Toluene-d8	10.028	98	805340	48.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.72%		
62) 4-Bromofluorobenzene	12.345	95	293619	48.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.84%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	173085	42.64	ug/l	99
3) Chloromethane	2.022	50	288234	45.04	ug/l	99
4) Vinyl Chloride	2.148	62	257038	46.06	ug/l	98
5) Bromomethane	2.513	94	137075	42.19	ug/l	95
6) Chloroethane	2.655	64	146567	45.26	ug/l	100
7) Trichlorofluoromethane	2.969	101	335975	51.37	ug/l	98
8) Diethyl Ether	3.344	74	133066	51.39	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.682	101	172390	51.20	ug/l	99
10) Methyl Iodide	3.872	142	247662	55.57	ug/l	98
11) Tert butyl alcohol	4.707	59	231766	247.72	ug/l	99
12) 1,1-Dichloroethene	3.663	96	177687	50.63	ug/l	99
13) Acrolein	3.534	56	239388	230.77	ug/l	99
14) Allyl chloride	4.232	41	503307	53.39	ug/l	99
15) Acrylonitrile	4.884	53	736655	266.71	ug/l	100
16) Acetone	3.738	43	622758	241.31	ug/l	99
17) Carbon Disulfide	3.966	76	533314	50.38	ug/l	100
18) Methyl Acetate	4.240	43	416841	55.44	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	748564	54.45	ug/l	99
20) Methylene Chloride	4.457	84	228192	50.48	ug/l	95
21) trans-1,2-Dichloroethene	4.943	96	208704	52.41	ug/l	98
22) Diisopropyl ether	5.860	45	1009838	54.75	ug/l	99
23) Vinyl Acetate	5.798	43	4230349	276.39	ug/l	99
24) 1,1-Dichloroethane	5.750	63	471725	52.42	ug/l	99
25) 2-Butanone	6.745	43	1070326	232.76	ug/l	99
26) 2,2-Dichloropropane	6.729	77	362755	46.10	ug/l	100
27) cis-1,2-Dichloroethene	6.737	96	242448	49.93	ug/l	99
28) Bromochloromethane	7.107	49	254531	50.39	ug/l	100
29) Tetrahydrofuran	7.126	42	740964	242.19	ug/l	99
30) Chloroform	7.287	83	433553	50.33	ug/l	99
31) Cyclohexane	7.574	56	423372	47.31	ug/l	98
32) 1,1,1-Trichloroethane	7.490	97	363770	49.52	ug/l	99
36) 1,1-Dichloropropene	7.713	75	325858	51.13	ug/l	100
37) Ethyl Acetate	6.841	43	444343	49.98	ug/l	99
38) Carbon Tetrachloride	7.694	117	294635	49.56	ug/l	97
39) Methylcyclohexane	9.014	83	346498	46.88	ug/l	98
40) Benzene	7.965	78	979513	50.79	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	191503	40.45	ug/l #	83
42) 1,2-Dichloroethane	8.048	62	369669	49.88	ug/l	99
43) Isopropyl Acetate	8.094	43	744040	49.62	ug/l	100
44) Trichloroethene	8.767	130	230825	49.10	ug/l	98
45) 1,2-Dichloropropane	9.051	63	289613	48.62	ug/l	100
46) Dibromomethane	9.142	93	158646	48.18	ug/l	99
47) Bromodichloromethane	9.338	83	343769	48.25	ug/l	99
48) Methyl methacrylate	9.134	41	349346	49.35	ug/l	99
49) 1,4-Dioxane	9.137	88	69175	913.62	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	2264964	249.67	ug/l	99
52) Toluene	10.095	92	576284	49.62	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	391966	48.65	ug/l	100
54) cis-1,3-Dichloropropene	9.775	75	426719	48.86	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	234003	49.10	ug/l	98
56) Ethyl methacrylate	10.371	69	388954	45.78	ug/l	98
57) 1,3-Dichloropropane	10.647	76	421810	48.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	576660	222.15	ug/l	100
59) 2-Hexanone	10.693	43	1622338	231.59	ug/l	100
60) Dibromochloromethane	10.843	129	242120	49.01	ug/l	99
61) 1,2-Dibromoethane	10.945	107	232779	48.35	ug/l	99
64) Tetrachloroethene	10.572	164	243305	50.62	ug/l	98
65) Chlorobenzene	11.374	112	590972	51.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	223494	50.83	ug/l	99
67) Ethyl Benzene	11.454	91	1106453	53.58	ug/l	100
68) m/p-Xylenes	11.564	106	804606	105.10	ug/l	99
69) o-Xylene	11.889	106	388449	52.25	ug/l	99
70) Styrene	11.905	104	656714	47.51	ug/l	99
71) Bromoform	12.069	173	175132	46.40	ug/l #	98
73) Isopropylbenzene	12.192	105	1046399	51.73	ug/l	100
74) N-amyl acetate	12.015	43	545520	48.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	352862	48.20	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	339438m	53.71	ug/l	
77) Bromobenzene	12.468	156	256277	50.57	ug/l	98
78) n-propylbenzene	12.535	91	1229184	52.64	ug/l	99
79) 2-Chlorotoluene	12.616	91	732481	50.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	890764	52.78	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	117242	48.85	ug/l	97
82) 4-Chlorotoluene	12.715	91	756973	52.43	ug/l	100
83) tert-Butylbenzene	12.937	119	738723	51.92	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	880732	52.69	ug/l	99
85) sec-Butylbenzene	13.114	105	995934	52.44	ug/l	100
86) p-Isopropyltoluene	13.232	119	888348	53.05	ug/l	100
87) 1,3-Dichlorobenzene	13.224	146	448524	51.14	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	438039	48.68	ug/l	98
89) n-Butylbenzene	13.557	91	772270	51.71	ug/l	99
90) Hexachloroethane	13.814	117	131699	48.98	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	445815	51.62	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.211	75	75054	49.64	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	257854	45.40	ug/l	98
94) Hexachlorobutadiene	14.949	225	137764	46.34	ug/l	100
95) Naphthalene	15.067	128	766814	46.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	265252	46.73	ug/l	98

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

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