

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066416.D
 Acq On : 30 Mar 2021 11:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 1:35:25 PM

Quant Time: Mar 31 02:58:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	393934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	610111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	572651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	275014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	261516	49.94	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.88%			
35) Dibromofluoromethane	7.501	113	203217	50.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.48%			
50) Toluene-d8	10.025	98	792573	51.66	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.32%			
62) 4-Bromofluorobenzene	12.342	95	272307	51.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.813	85	269705	54.35	ug/l	100
3) Chloromethane	2.014	50	294653	56.30	ug/l	99
4) Vinyl Chloride	2.143	62	321219	56.57	ug/l	100
5) Bromomethane	2.494	94	210153	55.17	ug/l	99
6) Chloroethane	2.639	64	202193	57.12	ug/l	96
7) Trichlorofluoromethane	2.955	101	414364	53.06	ug/l	99
8) Diethyl Ether	3.336	74	166107	52.22	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.671	101	236892	53.73	ug/l	96
10) Methyl Iodide	3.862	142	328183	52.47	ug/l	99
11) Tert butyl alcohol	4.709	59	213197	266.95	ug/l #	84
12) 1,1-Dichloroethene	3.653	96	233874	51.80	ug/l	97
13) Acrolein	3.527	56	106400	260.16	ug/l	100
14) Allyl chloride	4.219	41	497041	55.67	ug/l	98
15) Acrylonitrile	4.873	53	603064	270.77	ug/l	99
16) Acetone	3.733	43	714819	252.64	ug/l	99
17) Carbon Disulfide	3.958	76	701633	52.64	ug/l	100
18) Methyl Acetate	4.229	43	440454	59.60	ug/l	99
19) Methyl tert-butyl Ether	4.937	73	660091	49.31	ug/l	99
20) Methylene Chloride	4.447	84	284552	57.62	ug/l	96
21) trans-1,2-Dichloroethene	4.921	96	203464	49.70	ug/l	99
22) Diisopropyl ether	5.855	45	733003	52.62	ug/l	100
23) Vinyl Acetate	5.790	43	3151828	265.77	ug/l	100
24) 1,1-Dichloroethane	5.739	63	395996	51.47	ug/l	100
25) 2-Butanone	6.740	43	828715	267.95	ug/l	100
26) 2,2-Dichloropropane	6.721	77	336772	49.12	ug/l	100
27) cis-1,2-Dichloroethene	6.723	96	241960	50.67	ug/l	99
28) Bromochloromethane	7.099	49	208057	53.67	ug/l	96
29) Tetrahydrofuran	7.123	42	558622	276.82	ug/l	99
30) Chloroform	7.279	83	400817	52.15	ug/l	100
31) Cyclohexane	7.563	56	361342	49.86	ug/l	98
32) 1,1,1-Trichloroethane	7.480	97	344426	51.00	ug/l	100
36) 1,1-Dichloropropene	7.705	75	295383	51.54	ug/l	99
37) Ethyl Acetate	6.836	43	342321	54.26	ug/l	100
38) Carbon Tetrachloride	7.686	117	291266	50.55	ug/l	98
39) Methylcyclohexane	9.009	83	356023	50.96	ug/l	99
40) Benzene	7.957	78	927196	53.56	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	152692	48.78	ug/l	99
42) 1,2-Dichloroethane	8.043	62	322556	52.02	ug/l	100
43) Isopropyl Acetate	8.089	43	579220	53.72	ug/l	99
44) Trichloroethene	8.762	130	233583	51.30	ug/l	99
45) 1,2-Dichloropropane	9.046	63	250639	54.35	ug/l	97
46) Dibromomethane	9.137	93	163037	53.92	ug/l	98
47) Bromodichloromethane	9.333	83	329687	52.81	ug/l	97
48) Methyl methacrylate	9.132	41	270795	52.78	ug/l	98
49) 1,4-Dioxane	9.135	88	75447	1169.99	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	1793656	284.63	ug/l	100
52) Toluene	10.089	92	575054	54.12	ug/l	99
53) t-1,3-Dichloropropene	10.317	75	360616	53.18	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	389911	53.54	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	235783	55.18	ug/l	98
56) Ethyl methacrylate	10.368	69	353652	53.97	ug/l	99
57) 1,3-Dichloropropane	10.645	76	391019	55.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.628	63	205088	280.82	ug/l	98
59) 2-Hexanone	10.690	43	1288144	291.77	ug/l	99
60) Dibromochloromethane	10.840	129	255439	53.84	ug/l	100
61) 1,2-Dibromoethane	10.942	107	241879	54.30	ug/l	99
64) Tetrachloroethene	10.569	164	231308	47.46	ug/l	99
65) Chlorobenzene	11.374	112	596440	52.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	228213	51.91	ug/l	99
67) Ethyl Benzene	11.452	91	1094755	52.83	ug/l	99
68) m/p-Xylenes	11.562	106	824783	104.75	ug/l	100
69) o-Xylene	11.889	106	395649	52.08	ug/l	99
70) Styrene	11.905	104	653109	53.02	ug/l	99
71) Bromoform	12.069	173	188539	51.57	ug/l #	100
73) Isopropylbenzene	12.192	105	1047926	51.23	ug/l	100
74) N-amyl acetate	12.015	43	411605	51.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	350016	53.73	ug/l	96
76) 1,2,3-Trichloropropane	12.495	75	308543m	51.13	ug/l	
77) Bromobenzene	12.466	156	266412	51.57	ug/l	99
78) n-propylbenzene	12.535	91	1188528	53.44	ug/l	99
79) 2-Chlorotoluene	12.616	91	695928	50.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	860433	51.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	111075	55.35	ug/l	97
82) 4-Chlorotoluene	12.715	91	711627	52.28	ug/l	100
83) tert-Butylbenzene	12.935	119	735714	51.08	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	845536	52.01	ug/l	99
85) sec-Butylbenzene	13.115	105	984505	52.75	ug/l	100
86) p-Isopropyltoluene	13.233	119	879331	52.61	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	456197	52.63	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	465160	51.68	ug/l	98
89) n-Butylbenzene	13.557	91	733302	53.11	ug/l	100
90) Hexachloroethane	13.815	117	156496	51.92	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	451006	52.92	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.212	75	66102	52.92	ug/l	96
93) 1,2,4-Trichlorobenzene	14.850	180	277464	52.51	ug/l	100
94) Hexachlorobutadiene	14.949	225	148996	51.69	ug/l	99
95) Naphthalene	15.067	128	800974	51.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	273270	51.44	ug/l	100

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

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