

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066211.D
 Acq On : 16 Mar 2021 12:55
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:43 PM

Quant Time: Mar 16 13:21:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 12:51:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	325359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	510550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	490962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	255944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	715999	138.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 277.88%#			
35) Dibromofluoromethane	7.507	113	519385	152.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 304.52%#			
50) Toluene-d8	10.028	98	2044682	150.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 301.56%#			
62) 4-Bromofluorobenzene	12.342	95	781692	155.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 311.50%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	481570	140.38	ug/l	99
3) Chloromethane	2.017	50	768524	123.24	ug/l	98
4) Vinyl Chloride	2.148	62	711190	150.28	ug/l	100
5) Bromomethane	2.492	94	396800	144.01	ug/l	97
6) Chloroethane	2.642	64	405179	147.46	ug/l	99
7) Trichlorofluoromethane	2.958	101	811002	145.92	ug/l	99
8) Diethyl Ether	3.344	74	327995	147.54	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.680	101	425310	148.55	ug/l	98
10) Methyl Iodide	3.870	142	625382	163.37	ug/l	97
11) Tert butyl alcohol	4.720	59	579901	719.30	ug/l #	84
12) 1,1-Dichloroethene	3.658	96	437874	145.69	ug/l	98
13) Acrolein	3.532	56	453838	498.08	ug/l	99
14) Allyl chloride	4.227	41	1172253	149.45	ug/l	99
15) Acrylonitrile	4.884	53	1828605	772.66	ug/l	99
16) Acetone	3.739	43	1505407	564.70	ug/l	99
17) Carbon Disulfide	3.967	76	1277238	142.48	ug/l	99
18) Methyl Acetate	4.235	43	982395	152.69	ug/l	100
19) Methyl tert-butyl Ether	4.946	73	1804448	154.59	ug/l	99
20) Methylene Chloride	4.452	84	510563	133.56	ug/l	97
21) trans-1,2-Dichloroethene	4.929	96	510204	150.15	ug/l	99
22) Diisopropyl ether	5.860	45	2372262	151.42	ug/l	98
23) Vinyl Acetate	5.798	43	9616506	741.63	ug/l #	95
24) 1,1-Dichloroethane	5.745	63	1113924	145.18	ug/l	100
25) 2-Butanone	6.748	43	2682867	685.63	ug/l	97
26) 2,2-Dichloropropane	6.726	77	905019	135.36	ug/l	100
27) cis-1,2-Dichloroethene	6.732	96	608423	147.22	ug/l	95
28) Bromochloromethane	7.105	49	627319	146.85	ug/l	93
29) Tetrahydrofuran	7.129	42	1860417	717.25	ug/l	98
30) Chloroform	7.284	83	1028756	141.13	ug/l	98
31) Cyclohexane	7.569	56	1024505	135.46	ug/l	99
32) 1,1,1-Trichloroethane	7.485	97	873478	140.23	ug/l	98
36) 1,1-Dichloropropene	7.711	75	800082	150.23	ug/l	99
37) Ethyl Acetate	6.842	43	1067638	143.90	ug/l	97
38) Carbon Tetrachloride	7.689	117	735103	148.25	ug/l	98
39) Methylcyclohexane	9.011	83	908182	147.43	ug/l	98
40) Benzene	7.963	78	2400089	149.29	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	556290	143.00	ug/l	96
42) 1,2-Dichloroethane	8.046	62	866404	140.59	ug/l	98
43) Isopropyl Acetate	8.094	43	1787457	143.89	ug/l	98
44) Trichloroethene	8.765	130	575017	146.05	ug/l	97
45) 1,2-Dichloropropane	9.049	63	701509	141.62	ug/l	100
46) Dibromomethane	9.140	93	397716	145.01	ug/l	98
47) Bromodichloromethane	9.336	83	846101	144.35	ug/l	98
48) Methyl methacrylate	9.135	41	880319	150.24	ug/l	97
49) 1,4-Dioxane	9.137	88	183166	2873.32	ug/l	97
51) 4-Methyl-2-Pentanone	9.923	43	5226510	704.63	ug/l	94
52) Toluene	10.092	92	1462194	152.85	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	1032599	155.06	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	1074535	149.46	ug/l	96
55) 1,1,2-Trichloroethane	10.503	97	581691	147.60	ug/l	97
56) Ethyl methacrylate	10.371	69	1017160	164.09	ug/l	94
57) 1,3-Dichloropropane	10.647	76	1060305	148.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	645022	386.16	ug/l	98
59) 2-Hexanone	10.693	43	4012742	750.46	ug/l	95
60) Dibromochloromethane	10.843	129	631301	154.28	ug/l	100
61) 1,2-Dibromoethane	10.945	107	611360	153.37	ug/l	99
64) Tetrachloroethene	10.570	164	572079	136.30	ug/l	97
65) Chlorobenzene	11.374	112	1529694	152.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	580817	150.76	ug/l	100
67) Ethyl Benzene	11.452	91	2835429	157.45	ug/l	97
68) m/p-Xylenes	11.562	106	2131947	317.61	ug/l	95
69) o-Xylene	11.889	106	1030921	157.85	ug/l	95
70) Styrene	11.905	104	1797618	170.10	ug/l	97
71) Bromoform	12.069	173	495501	167.75	ug/l #	99
73) Isopropylbenzene	12.192	105	2734294	143.48	ug/l	98
74) N-amyl acetate	12.013	43	1530835	166.50	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.447	83	932006	134.33	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	894545m	144.11	ug/l	
77) Bromobenzene	12.468	156	697815	145.30	ug/l	96
78) n-propylbenzene	12.536	91	3241616	147.35	ug/l	97
79) 2-Chlorotoluene	12.616	91	1939092	140.31	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	2343933	147.05	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	353113	154.55	ug/l	94
82) 4-Chlorotoluene	12.715	91	2046134	149.82	ug/l	98
83) tert-Butylbenzene	12.935	119	1973735	147.27	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	2351883	149.74	ug/l	97
85) sec-Butylbenzene	13.115	105	2690982	150.38	ug/l	99
86) p-Isopropyltoluene	13.233	119	2457300	155.44	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	1264933	151.96	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	1284335	149.02	ug/l	97
89) n-Butylbenzene	13.557	91	2273025	161.21	ug/l	97
90) Hexachloroethane	13.815	117	403601	157.95	ug/l	95
91) 1,2-Dichlorobenzene	13.595	146	1250657	153.19	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.209	75	209132	146.73	ug/l	91
93) 1,2,4-Trichlorobenzene	14.847	180	856193	179.51	ug/l	99
94) Hexachlorobutadiene	14.947	225	393577	140.71	ug/l	100
95) Naphthalene	15.067	128	2447599	176.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	836186	173.33	ug/l	99

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

