

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066210.D
 Acq On : 16 Mar 2021 12:32
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:42 PM

Quant Time: Mar 16 13:05:35 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	328668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	519293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	494576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	249217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	485008	93.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 186.34%#			
35) Dibromofluoromethane	7.507	113	346526	99.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 199.76%#			
50) Toluene-d8	10.028	98	1351988	98.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 196.04%#			
62) 4-Bromofluorobenzene	12.345	95	503724	98.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 197.36%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	334066	96.40	ug/l	98
3) Chloromethane	2.019	50	525420	83.41	ug/l	100
4) Vinyl Chloride	2.148	62	483403	101.12	ug/l	100
5) Bromomethane	2.499	94	266502	95.75	ug/l	97
6) Chloroethane	2.647	64	273492	98.53	ug/l	99
7) Trichlorofluoromethane	2.961	101	565116	100.65	ug/l	97
8) Diethyl Ether	3.344	74	223794	99.65	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.682	101	295621	102.22	ug/l	98
10) Methyl Iodide	3.870	142	431504	111.59	ug/l	97
11) Tert butyl alcohol	4.718	59	417966	513.22	ug/l	99
12) 1,1-Dichloroethene	3.661	96	297886	98.12	ug/l	97
13) Acrolein	3.529	56	321669	349.47	ug/l	100
14) Allyl chloride	4.229	41	821643	103.70	ug/l	99
15) Acrylonitrile	4.884	53	1294137	541.32	ug/l	99
16) Acetone	3.739	43	1073419	398.60	ug/l	99
17) Carbon Disulfide	3.967	76	875236	96.65	ug/l	100
18) Methyl Acetate	4.237	43	701517	107.94	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	1241531	105.29	ug/l	99
20) Methylene Chloride	4.452	84	356149	92.23	ug/l	94
21) trans-1,2-Dichloroethene	4.932	96	353130	102.88	ug/l	95
22) Diisopropyl ether	5.860	45	1656384	104.66	ug/l	97
23) Vinyl Acetate	5.798	43	6971290	532.22	ug/l	98
24) 1,1-Dichloroethane	5.745	63	784030	101.16	ug/l	99
25) 2-Butanone	6.748	43	1898197	480.22	ug/l	98
26) 2,2-Dichloropropane	6.726	77	631700	93.53	ug/l	100
27) cis-1,2-Dichloroethene	6.732	96	420867	100.81	ug/l	96
28) Bromochloromethane	7.107	49	431801	100.06	ug/l	96
29) Tetrahydrofuran	7.129	42	1314561	501.70	ug/l	98
30) Chloroform	7.287	83	717345	97.42	ug/l	97
31) Cyclohexane	7.568	56	718395	94.03	ug/l	98
32) 1,1,1-Trichloroethane	7.485	97	607698	96.58	ug/l	99
36) 1,1-Dichloropropene	7.711	75	550705	101.66	ug/l	99
37) Ethyl Acetate	6.842	43	758495	100.51	ug/l	97
38) Carbon Tetrachloride	7.692	117	506400	100.41	ug/l	98
39) Methylcyclohexane	9.011	83	625015	99.75	ug/l	98
40) Benzene	7.963	78	1669768	102.11	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	390171	98.61	ug/l	96
42) 1,2-Dichloroethane	8.049	62	610267	97.36	ug/l	99
43) Isopropyl Acetate	8.091	43	1254979	99.33	ug/l	98
44) Trichloroethene	8.767	130	398150	99.42	ug/l	97
45) 1,2-Dichloropropane	9.049	63	486707	96.60	ug/l	99
46) Dibromomethane	9.140	93	276856	99.25	ug/l	98
47) Bromodichloromethane	9.336	83	583494	97.87	ug/l	98
48) Methyl methacrylate	9.135	41	609580	102.28	ug/l	97
49) 1,4-Dioxane	9.135	88	126201	1946.38	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	3820863	506.45	ug/l	97
52) Toluene	10.092	92	998827	102.65	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	703658	103.89	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	738049	100.93	ug/l	97
55) 1,1,2-Trichloroethane	10.503	97	399179	99.59	ug/l	97
56) Ethyl methacrylate	10.371	69	693133	109.94	ug/l	94
57) 1,3-Dichloropropane	10.647	76	729560	100.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	403829	237.69	ug/l	98
59) 2-Hexanone	10.693	43	2826839	519.78	ug/l	96
60) Dibromochloromethane	10.843	129	431586	103.70	ug/l	98
61) 1,2-Dibromoethane	10.945	107	413912	102.09	ug/l	99
64) Tetrachloroethene	10.572	164	400758	94.79	ug/l	96
65) Chlorobenzene	11.374	112	1035276	102.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	396235	102.10	ug/l	100
67) Ethyl Benzene	11.452	91	1935475	106.69	ug/l	100
68) m/p-Xylenes	11.565	106	1443036	213.41	ug/l	97
69) o-Xylene	11.892	106	687618	104.52	ug/l	97
70) Styrene	11.908	104	1191043	111.88	ug/l	98
71) Bromoform	12.069	173	328307	110.34	ug/l #	98
73) Isopropylbenzene	12.192	105	1849147	99.65	ug/l	99
74) N-amyl acetate	12.015	43	1008447	112.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.450	83	616589	91.27	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	675404m	111.75	ug/l	
77) Bromobenzene	12.468	156	460460	98.46	ug/l	97
78) n-propylbenzene	12.535	91	2195408	102.49	ug/l	99
79) 2-Chlorotoluene	12.616	91	1288334	95.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	1556392	100.28	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	233469	104.94	ug/l	96
82) 4-Chlorotoluene	12.715	91	1370529	103.06	ug/l	99
83) tert-Butylbenzene	12.938	119	1311500	100.50	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	1565095	102.34	ug/l	98
85) sec-Butylbenzene	13.115	105	1786159	102.51	ug/l	99
86) p-Isopropyltoluene	13.233	119	1603819	104.19	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	828609	102.23	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	827628	98.62	ug/l	98
89) n-Butylbenzene	13.557	91	1463720	106.61	ug/l	98
90) Hexachloroethane	13.815	117	262995	105.70	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	809284	101.81	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	141852	102.21	ug/l	93
93) 1,2,4-Trichlorobenzene	14.850	180	560132	120.60	ug/l	100
94) Hexachlorobutadiene	14.949	225	255743	93.90	ug/l	99
95) Naphthalene	15.067	128	1596897	118.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	534506	113.79	ug/l	99

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

