

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065901.D
 Acq On : 17 Feb 2021 15:21
 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

SAM
 2/18/2021 10:18:48 AM

Quant Time: Feb 17 15:39:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:19:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	147215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	259401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	253902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	128647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	330465	162.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 324.38%#			
35) Dibromofluoromethane	7.550	113	259136	165.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 331.78%#			
50) Toluene-d8	10.058	98	1089583	170.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 340.92%#			
62) 4-Bromofluorobenzene	12.373	95	438427	189.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 379.34%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.843	85	297166	157.12	ug/l	98
3) Chloromethane	2.046	50	377116	160.14	ug/l	100
4) Vinyl Chloride	2.174	62	387196	170.42	ug/l	100
5) Bromomethane	2.509	94	214130	137.72	ug/l	97
6) Chloroethane	2.663	64	213120	162.46	ug/l	100
7) Trichlorofluoromethane	2.988	101	450571	153.08	ug/l	100
8) Diethyl Ether	3.383	74	167481	157.22	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.714	101	238161	154.67	ug/l	98
10) Methyl Iodide	3.907	142	380835	161.36	ug/l	97
11) Tert butyl alcohol	4.779	59	226270	1139.33	ug/l	100
12) 1,1-Dichloroethene	3.695	96	248246	150.82	ug/l	95
13) Acrolein	3.573	56	214465	878.18	ug/l	98
14) Allyl chloride	4.274	41	438170	157.58	ug/l	93
15) Acrylonitrile	4.943	53	654863	1083.12	ug/l	99
16) Acetone	3.788	43	489057	637.58	ug/l	98
17) Carbon Disulfide	4.004	76	750258	163.67	ug/l	98
18) Methyl Acetate	4.287	43	261968	154.95	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	820315	156.47	ug/l	99
20) Methylene Chloride	4.502	84	285721	147.86	ug/l	98
21) trans-1,2-Dichloroethene	4.984	96	264681	180.46	ug/l	92
22) Diisopropyl ether	5.914	45	860834	154.87	ug/l	95
23) Vinyl Acetate	5.849	43	3578272	857.41	ug/l	99
24) 1,1-Dichloroethane	5.798	63	492041	152.76	ug/l	98
25) 2-Butanone	6.798	43	821163	844.91	ug/l	97
26) 2,2-Dichloropropane	6.775	77	398506	188.39	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	306108	192.70	ug/l	94
28) Bromochloromethane	7.151	49	244775	199.81	ug/l	91
29) Tetrahydrofuran	7.174	42	548466	802.09	ug/l	99
30) Chloroform	7.328	83	496810	157.01	ug/l	99
31) Cyclohexane	7.611	56	456657	114.63	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	421200	159.76	ug/l	99
36) 1,1-Dichloropropene	7.750	75	396056	157.93	ug/l	97
37) Ethyl Acetate	6.891	43	353762	156.08	ug/l	98
38) Carbon Tetrachloride	7.733	117	366565	157.58	ug/l	100
39) Methylcyclohexane	9.045	83	438882	153.80	ug/l	96
40) Benzene	8.000	78	1181943	151.54	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	179596	198.04	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	395278	158.17	ug/l	99
43) Isopropyl Acetate	8.132	43	599436	173.13	ug/l #	92
44) Trichloroethene	8.801	130	298961	159.36	ug/l	99
45) 1,2-Dichloropropane	9.084	63	309464	158.33	ug/l	100
46) Dibromomethane	9.174	93	188178	160.25	ug/l	94
47) Bromodichloromethane	9.370	83	402930	171.21	ug/l	99
48) Methyl methacrylate	9.167	41	299394	167.10	ug/l	94
49) 1,4-Dioxane	9.171	88	108469	4161.44	ug/l	96
51) 4-Methyl-2-Pentanone	9.955	43	1813215	854.27	ug/l	99
52) Toluene	10.122	92	756634	161.54	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	485501	198.98	ug/l	97
54) cis-1,3-Dichloropropene	9.807	75	517571	182.05	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	287658	167.22	ug/l	98
56) Ethyl methacrylate	10.399	69	469216	191.35	ug/l	97
57) 1,3-Dichloropropane	10.675	76	509685	168.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	1095337	932.11	ug/l	97
59) 2-Hexanone	10.724	43	1379053	947.70	ug/l	99
60) Dibromochloromethane	10.872	129	318914	190.16	ug/l	100
61) 1,2-Dibromoethane	10.974	107	303322	177.54	ug/l	99
64) Tetrachloroethene	10.602	164	273315	135.67	ug/l	95
65) Chlorobenzene	11.402	112	821395	158.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	294183	169.31	ug/l	99
67) Ethyl Benzene	11.483	91	1497858	160.43	ug/l	98
68) m/p-Xylenes	11.592	106	1131569	328.62	ug/l	97
69) o-Xylene	11.917	106	550510	165.65	ug/l	97
70) Styrene	11.933	104	959052	183.12	ug/l	98
71) Bromoform	12.097	173	222077	201.96	ug/l #	99
73) Isopropylbenzene	12.219	105	1447047	133.21	ug/l	99
74) N-amyl acetate	12.042	43	599864	180.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	437026	136.52	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	438697m	114.71	ug/l	
77) Bromobenzene	12.495	156	348317	143.98	ug/l	82
78) n-propylbenzene	12.560	91	1717693	141.85	ug/l	98
79) 2-Chlorotoluene	12.643	91	1042342	134.35	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	1278193	141.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	162713	218.34	ug/l	95
82) 4-Chlorotoluene	12.743	91	1109795	145.83	ug/l	96
83) tert-Butylbenzene	12.965	119	1058744	141.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	1299513	144.41	ug/l	100
85) sec-Butylbenzene	13.142	105	1397448	145.73	ug/l	98
86) p-Isopropyltoluene	13.261	119	1282857	148.28	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	643090	154.03	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	651332	154.94	ug/l	98
89) n-Butylbenzene	13.585	91	1133744	159.58	ug/l	99
90) Hexachloroethane	13.846	117	227158	156.61	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	630727	149.55	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	94045	204.38	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	364878	249.54	ug/l	100
94) Hexachlorobutadiene	14.978	225	140029	139.20	ug/l	99
95) Naphthalene	15.097	128	1196757	245.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	363552	213.42	ug/l	100

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

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