

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065900.D
 Acq On : 17 Feb 2021 14:57
 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

SAM
 2/18/2021 10:19:47 AM

Quant Time: Feb 17 15:16:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 14:59:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	156429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	271430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	264012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	127209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	213157	98.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	196.90%#
35) Dibromofluoromethane	7.550	113	165963	101.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	203.08%#
50) Toluene-d8	10.058	98	681258	101.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	203.70%#
62) 4-Bromofluorobenzene	12.373	95	266494	110.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	220.36%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.843	85	195488	97.27	ug/l	100
3) Chloromethane	2.049	50	257027	102.72	ug/l	99
4) Vinyl Chloride	2.174	62	254056	105.23	ug/l	99
5) Bromomethane	2.515	94	155798	94.30	ug/l	95
6) Chloroethane	2.669	64	139053	99.75	ug/l	99
7) Trichlorofluoromethane	2.991	101	298776	95.53	ug/l	99
8) Diethyl Ether	3.383	74	113186	100.00	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.717	101	156440	95.62	ug/l	98
10) Methyl Iodide	3.907	142	257998	102.87	ug/l	97
11) Tert butyl alcohol	4.779	59	150671	713.98	ug/l	99
12) 1,1-Dichloroethene	3.695	96	166252	95.06	ug/l	95
13) Acrolein	3.576	56	139923	539.20	ug/l	98
14) Allyl chloride	4.277	41	291246	98.57	ug/l	94
15) Acrylonitrile	4.942	53	428927	667.64	ug/l	99
16) Acetone	3.788	43	330930	406.02	ug/l	97
17) Carbon Disulfide	4.004	76	496750	101.99	ug/l	98
18) Methyl Acetate	4.290	43	173468	96.56	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	549530	98.65	ug/l	97
20) Methylene Chloride	4.502	84	191660	93.34	ug/l	98
21) trans-1,2-Dichloroethene	4.988	96	176527	113.27	ug/l	91
22) Diisopropyl ether	5.914	45	579653	98.14	ug/l	95
23) Vinyl Acetate	5.852	43	2400091	541.22	ug/l	98
24) 1,1-Dichloroethane	5.801	63	335876	98.13	ug/l	98
25) 2-Butanone	6.798	43	541014	523.87	ug/l	96
26) 2,2-Dichloropropane	6.778	77	268188	119.32	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	206359	122.25	ug/l	94
28) Bromochloromethane	7.151	49	156068	119.90	ug/l	89
29) Tetrahydrofuran	7.177	42	363120	499.75	ug/l	99
30) Chloroform	7.331	83	330658	98.34	ug/l	100
31) Cyclohexane	7.611	56	300966	71.10	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	280752	100.22	ug/l	99
36) 1,1-Dichloropropene	7.753	75	260496	99.27	ug/l	98
37) Ethyl Acetate	6.891	43	236244	99.61	ug/l	98
38) Carbon Tetrachloride	7.733	117	243347	99.98	ug/l	100
39) Methylcyclohexane	9.045	83	286318	95.89	ug/l	98
40) Benzene	8.003	78	789124	96.69	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	117432	123.75	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	265295	101.45	ug/l	99
43) Isopropyl Acetate	8.132	43	393497	108.61	ug/l #	92
44) Trichloroethene	8.801	130	199602	101.68	ug/l	97
45) 1,2-Dichloropropane	9.084	63	207097	101.26	ug/l	100
46) Dibromomethane	9.174	93	129587	105.47	ug/l	91
47) Bromodichloromethane	9.370	83	268813	109.16	ug/l	99
48) Methyl methacrylate	9.167	41	195130	104.08	ug/l	94
49) 1,4-Dioxane	9.171	88	68493	2511.30	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	1179199	530.94	ug/l	100
52) Toluene	10.122	92	502413	102.51	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	316063	123.80	ug/l	97
54) cis-1,3-Dichloropropene	9.807	75	340230	114.37	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	188907	104.95	ug/l	98
56) Ethyl methacrylate	10.399	69	301698	117.58	ug/l	96
57) 1,3-Dichloropropane	10.675	76	336876	106.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	730234	593.88	ug/l	97
59) 2-Hexanone	10.724	43	879035	577.31	ug/l	99
60) Dibromochloromethane	10.872	129	207262	118.11	ug/l	99
61) 1,2-Dibromoethane	10.974	107	197775	110.63	ug/l	99
64) Tetrachloroethene	10.601	164	185581	88.59	ug/l	96
65) Chlorobenzene	11.402	112	540702	100.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	190291	105.33	ug/l	100
67) Ethyl Benzene	11.482	91	980373	100.98	ug/l	98
68) m/p-Xylenes	11.592	106	740392	206.79	ug/l	97
69) o-Xylene	11.916	106	357594	103.48	ug/l	96
70) Styrene	11.933	104	617854	113.46	ug/l	97
71) Bromoform	12.097	173	140265	122.68	ug/l #	99
73) Isopropylbenzene	12.219	105	942893	87.78	ug/l	100
74) N-amyl acetate	12.042	43	375144	114.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	277313	87.61	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	276188m	73.03	ug/l	
77) Bromobenzene	12.495	156	224043	93.66	ug/l	83
78) n-propylbenzene	12.560	91	1098249	91.72	ug/l	98
79) 2-Chlorotoluene	12.643	91	670273	87.37	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	820960	91.98	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	100370	136.20	ug/l	97
82) 4-Chlorotoluene	12.743	91	706253	93.85	ug/l	96
83) tert-Butylbenzene	12.965	119	677323	91.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	836259	93.98	ug/l	100
85) sec-Butylbenzene	13.142	105	888983	93.76	ug/l	98
86) p-Isopropyltoluene	13.257	119	822008	96.09	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	407849	98.79	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	411789	99.07	ug/l	98
89) n-Butylbenzene	13.585	91	712999	101.50	ug/l	98
90) Hexachloroethane	13.842	117	142597	99.42	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	400348	96.00	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	58460	128.48	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	222803	154.10	ug/l	99
94) Hexachlorobutadiene	14.977	225	90380	90.86	ug/l	100
95) Naphthalene	15.096	128	727159	150.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	220451	130.87	ug/l	99

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

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