

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065829.D
 Acq On : 11 Feb 2021 21:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 2/12/2021 2:59:57 PM

Quant Time: Feb 12 01:33:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	155930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	280570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	255132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	111311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	92122	44.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.82%		
35) Dibromofluoromethane	7.547	113	82527	49.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.28%		
50) Toluene-d8	10.055	98	316318	48.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.80%		
62) 4-Bromofluorobenzene	12.370	95	121269	51.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.06%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	93442	53.50	ug/l	98
3) Chloromethane	2.039	50	128803	50.18	ug/l	98
4) Vinyl Chloride	2.164	62	138663	53.35	ug/l	99
5) Bromomethane	2.524	94	86972	57.81	ug/l	95
6) Chloroethane	2.672	64	83654	55.64	ug/l	98
7) Trichlorofluoromethane	2.987	101	151803	55.87	ug/l	99
8) Diethyl Ether	3.377	74	71724	55.37	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.711	101	92509	56.10	ug/l	96
10) Methyl Iodide	3.901	142	146700	60.69	ug/l	96
11) Tert butyl alcohol	4.762	59	79985	208.15	ug/l	99
12) 1,1-Dichloroethene	3.692	96	103073	54.30	ug/l	99
13) Acrolein	3.566	56	102491	304.39	ug/l	99
14) Allyl chloride	4.270	41	175046	49.74	ug/l	91
15) Acrylonitrile	4.936	53	264569	264.29	ug/l	99
16) Acetone	3.778	43	174227	218.16	ug/l	93
17) Carbon Disulfide	3.997	76	303193	50.73	ug/l	98
18) Methyl Acetate	4.280	43	112358	50.21	ug/l	99
19) Methyl tert-butyl Ether	4.997	73	339394	53.56	ug/l	98
20) Methylene Chloride	4.495	84	121951	55.15	ug/l	98
21) trans-1,2-Dichloroethene	4.981	96	110423	54.74	ug/l	95
22) Diisopropyl ether	5.907	45	359565	49.99	ug/l	95
23) Vinyl Acetate	5.846	43	1416790	246.58	ug/l	99
24) 1,1-Dichloroethane	5.794	63	209982	54.77	ug/l	98
25) 2-Butanone	6.791	43	304494	243.16	ug/l	100
26) 2,2-Dichloropropane	6.772	77	144149	46.98	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	128216	55.47	ug/l	97
28) Bromochloromethane	7.148	49	70052	43.48	ug/l	91
29) Tetrahydrofuran	7.174	42	212010	233.43	ug/l	99
30) Chloroform	7.328	83	190342	53.90	ug/l	99
31) Cyclohexane	7.608	56	186826	48.42	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	152917	53.19	ug/l	99
36) 1,1-Dichloropropene	7.749	75	155297	55.00	ug/l	98
37) Ethyl Acetate	6.888	43	137778	50.87	ug/l	98
38) Carbon Tetrachloride	7.730	117	127571	54.89	ug/l	98
39) Methylcyclohexane	9.042	83	168541	48.93	ug/l	98
40) Benzene	7.997	78	485641	56.32	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	66958	46.04	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	142850	54.96	ug/l	98
43) Isopropyl Acetate	8.129	43	224818	46.81	ug/l	94
44) Trichloroethene	8.798	130	121174	57.92	ug/l	100
45) 1,2-Dichloropropane	9.080	63	130360	54.95	ug/l	99
46) Dibromomethane	9.171	93	74191	56.61	ug/l	95
47) Bromodichloromethane	9.367	83	146002	51.93	ug/l	100
48) Methyl methacrylate	9.167	41	109264	47.96	ug/l	92
49) 1,4-Dioxane	9.171	88	36313	984.89	ug/l	95
51) 4-Methyl-2-Pentanone	9.952	43	661542	249.85	ug/l	96
52) Toluene	10.122	92	297266	58.20	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	171085	52.26	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	199276	54.64	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	112764	57.89	ug/l	96
56) Ethyl methacrylate	10.399	69	177523	55.11	ug/l #	91
57) 1,3-Dichloropropane	10.675	76	197898	57.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	309325	207.90	ug/l	96
59) 2-Hexanone	10.720	43	468912	255.08	ug/l	95
60) Dibromochloromethane	10.871	129	112890	56.70	ug/l	100
61) 1,2-Dibromoethane	10.974	107	113742	58.58	ug/l	100
64) Tetrachloroethene	10.598	164	110538	51.70	ug/l	96
65) Chlorobenzene	11.402	112	312591	58.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	103723	54.97	ug/l	97
67) Ethyl Benzene	11.479	91	557674	55.62	ug/l	98
68) m/p-Xylenes	11.592	106	418053	115.17	ug/l	99
69) o-Xylene	11.916	106	206024	58.57	ug/l	98
70) Styrene	11.932	104	346409	59.83	ug/l	99
71) Bromoform	12.096	173	68200	52.29	ug/l #	96
73) Isopropylbenzene	12.219	105	524448	53.81	ug/l	100
74) N-amyl acetate	12.042	43	206538	50.10	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	151801	52.74	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	145016m	49.82	ug/l	
77) Bromobenzene	12.495	156	120609	57.15	ug/l	85
78) n-propylbenzene	12.559	91	590520	51.41	ug/l	100
79) 2-Chlorotoluene	12.643	91	357113	52.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	428916	51.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	49452	43.52	ug/l	95
82) 4-Chlorotoluene	12.743	91	363633	52.22	ug/l	97
83) tert-Butylbenzene	12.965	119	352927	51.00	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	438078	52.93	ug/l	100
85) sec-Butylbenzene	13.141	105	462031	49.46	ug/l	98
86) p-Isopropyltoluene	13.257	119	412672	50.03	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	212979	56.62	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	211282	55.35	ug/l	98
89) n-Butylbenzene	13.585	91	356149	48.06	ug/l	98
90) Hexachloroethane	13.846	117	65938	45.69	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	209843	56.23	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	27383	47.94	ug/l	93
93) 1,2,4-Trichlorobenzene	14.878	180	107732	47.79	ug/l	98
94) Hexachlorobutadiene	14.977	225	41496	44.99	ug/l	98
95) Naphthalene	15.100	128	365205	50.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	108681	48.86	ug/l	100

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

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