

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065747.D
 Acq On : 8 Feb 2021 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 10:30:37 AM

Quant Time: Feb 09 00:36:39 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	150547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	257220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	240081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	108955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	84948	42.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.78%		
35) Dibromofluoromethane	7.544	113	74750	49.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.08%		
50) Toluene-d8	10.055	98	291123	48.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.18%		
62) 4-Bromofluorobenzene	12.370	95	111386	51.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	81967	48.61	ug/l	98
3) Chloromethane	2.039	50	119485	48.21	ug/l	98
4) Vinyl Chloride	2.164	62	119647	47.68	ug/l	100
5) Bromomethane	2.528	94	73539	50.63	ug/l	96
6) Chloroethane	2.672	64	69274	47.72	ug/l	99
7) Trichlorofluoromethane	2.988	101	129227	49.26	ug/l	99
8) Diethyl Ether	3.373	74	61009	48.78	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.708	101	81460	51.17	ug/l	96
10) Methyl Iodide	3.901	142	125924	53.96	ug/l	96
11) Tert butyl alcohol	4.759	59	86278	232.56	ug/l	98
12) 1,1-Dichloroethene	3.688	96	81740	44.60	ug/l	94
13) Acrolein	3.566	56	81850	254.91	ug/l	95
14) Allyl chloride	4.267	41	156261	45.99	ug/l	89
15) Acrylonitrile	4.930	53	234416	242.54	ug/l	99
16) Acetone	3.775	43	202177	262.21	ug/l	95
17) Carbon Disulfide	3.997	76	229468	39.77	ug/l	98
18) Methyl Acetate	4.280	43	107310	49.67	ug/l	98
19) Methyl tert-butyl Ether	4.994	73	294334	48.11	ug/l	96
20) Methylene Chloride	4.492	84	101902	47.73	ug/l	97
21) trans-1,2-Dichloroethene	4.978	96	88641	45.51	ug/l	91
22) Diisopropyl ether	5.904	45	325661	46.89	ug/l	93
23) Vinyl Acetate	5.840	43	1292287	232.95	ug/l	98
24) 1,1-Dichloroethane	5.788	63	176820	47.77	ug/l	99
25) 2-Butanone	6.788	43	301622	249.48	ug/l	97
26) 2,2-Dichloropropane	6.769	77	137866	46.53	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	108275	48.51	ug/l	95
28) Bromochloromethane	7.142	49	66149	42.53	ug/l	89
29) Tetrahydrofuran	7.167	42	200184	228.29	ug/l	97
30) Chloroform	7.325	83	166647	48.88	ug/l	98
31) Cyclohexane	7.605	56	156226	41.94	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	133664	48.16	ug/l	99
36) 1,1-Dichloropropene	7.746	75	129875	50.18	ug/l	98
37) Ethyl Acetate	6.884	43	127011	51.15	ug/l	98
38) Carbon Tetrachloride	7.727	117	109653	51.46	ug/l	98
39) Methylcyclohexane	9.042	83	153324	48.55	ug/l	96
40) Benzene	7.997	78	410333	51.91	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	63475	47.61	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	124637	52.30	ug/l	97
43) Isopropyl Acetate	8.126	43	211815	48.10	ug/l	94
44) Trichloroethene	8.798	130	103915	54.18	ug/l	98
45) 1,2-Dichloropropane	9.081	63	114377	52.59	ug/l	99
46) Dibromomethane	9.171	93	66590	55.43	ug/l	94
47) Bromodichloromethane	9.367	83	134518	52.19	ug/l	99
48) Methyl methacrylate	9.164	41	104397	49.98	ug/l	92
49) 1,4-Dioxane	9.164	88	37229	1101.40	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	628964	259.11	ug/l	98
52) Toluene	10.119	92	255600	54.59	ug/l	97
53) t-1,3-Dichloropropene	10.347	75	160191	53.37	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	179605	53.72	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	100319	56.17	ug/l	97
56) Ethyl methacrylate	10.396	69	158867	53.80	ug/l #	95
57) 1,3-Dichloropropane	10.675	76	177008	56.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	320766	235.16	ug/l	96
59) 2-Hexanone	10.720	43	453183	268.90	ug/l	97
60) Dibromochloromethane	10.868	129	104182	57.08	ug/l	99
61) 1,2-Dibromoethane	10.974	107	99935	56.14	ug/l	100
64) Tetrachloroethene	10.598	164	103136	51.26	ug/l	98
65) Chlorobenzene	11.402	112	270906	53.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	94653	53.31	ug/l	98
67) Ethyl Benzene	11.479	91	486572	51.57	ug/l	99
68) m/p-Xylenes	11.588	106	366659	107.34	ug/l	100
69) o-Xylene	11.916	106	179046	54.09	ug/l	99
70) Styrene	11.933	104	299462	54.97	ug/l	99
71) Bromoform	12.097	173	67752	55.20	ug/l #	99
73) Isopropylbenzene	12.219	105	465092	48.75	ug/l	100
74) N-amyl acetate	12.039	43	185700	46.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	139284	49.44	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	131679m	46.22	ug/l	
77) Bromobenzene	12.495	156	108642	52.60	ug/l	84
78) n-propylbenzene	12.560	91	531277	47.26	ug/l	99
79) 2-Chlorotoluene	12.643	91	320278	47.97	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	395260	48.66	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	52216	46.94	ug/l	90
82) 4-Chlorotoluene	12.743	91	331532	48.64	ug/l	97
83) tert-Butylbenzene	12.961	119	326925	48.27	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	397630	49.08	ug/l	98
85) sec-Butylbenzene	13.141	105	436529	47.74	ug/l	98
86) p-Isopropyltoluene	13.257	119	393973	48.79	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	194149	52.73	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	194240	51.98	ug/l	98
89) n-Butylbenzene	13.582	91	342189	47.18	ug/l	99
90) Hexachloroethane	13.842	117	68360	48.39	ug/l	94
91) 1,2-Dichlorobenzene	13.621	146	189978	52.00	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	25871	46.27	ug/l	92
93) 1,2,4-Trichlorobenzene	14.878	180	105481	47.80	ug/l	99
94) Hexachlorobutadiene	14.977	225	44634	49.42	ug/l	99
95) Naphthalene	15.096	128	324767	46.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	101859	46.90	ug/l	97

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

