

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011821\
 Data File : VN065542.D
 Acq On : 18 Jan 2021 13:33
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/19/2021 6:07:19 PM

Quant Time: Jan 18 15:49:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	259738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	376291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	355531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	188929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	117630	41.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.82%		
35) Dibromofluoromethane	7.553	113	111785	49.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.04%		
50) Toluene-d8	10.061	98	416596	49.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.46%		
62) 4-Bromofluorobenzene	12.376	95	154888	48.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.66%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	99425	43.08	ug/l	98
3) Chloromethane	2.055	50	121346	45.54	ug/l	100
4) Vinyl Chloride	2.180	62	137544	49.06	ug/l	99
5) Bromomethane	2.525	94	99431	49.57	ug/l	98
6) Chloroethane	2.679	64	88402	48.79	ug/l	97
7) Trichlorofluoromethane	2.997	101	184225	44.53	ug/l	96
8) Diethyl Ether	3.389	74	76992	46.54	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.721	101	111637	47.38	ug/l	96
10) Methyl Iodide	3.914	142	182537	51.09	ug/l	92
11) Tert butyl alcohol	4.782	59	74650	169.65	ug/l	100
12) 1,1-Dichloroethene	3.701	96	114076	45.45	ug/l	94
13) Acrolein	3.579	56	90986	263.66	ug/l	99
14) Allyl chloride	4.283	41	157672	39.32	ug/l	98
15) Acrylonitrile	4.949	53	256573	227.53	ug/l	100
16) Acetone	3.791	43	194850	153.69	ug/l	89
17) Carbon Disulfide	4.010	76	272621	43.32	ug/l	100
18) Methyl Acetate	4.296	43	111376	43.66	ug/l	98
19) Methyl tert-butyl Ether	5.013	73	336497	42.86	ug/l	100
20) Methylene Chloride	4.512	84	123108	43.63	ug/l	94
21) trans-1,2-Dichloroethene	4.997	96	115067	46.80	ug/l	97
22) Diisopropyl ether	5.920	45	335550	41.51	ug/l	98
23) Vinyl Acetate	5.856	43	1362352	202.33	ug/l	97
24) 1,1-Dichloroethane	5.804	63	202685	45.28	ug/l	100
25) 2-Butanone	6.804	43	308858	197.28	ug/l	93
26) 2,2-Dichloropropane	6.785	77	168439	39.96	ug/l	98
27) cis-1,2-Dichloroethene	6.788	96	135818	47.34	ug/l	94
28) Bromochloromethane	7.155	49	79365	41.65	ug/l	86
29) Tetrahydrofuran	7.180	42	209493	204.62	ug/l	94
30) Chloroform	7.335	83	207378	44.97	ug/l	98
31) Cyclohexane	7.614	56	174367	41.71	ug/l	100
32) 1,1,1-Trichloroethane	7.531	97	178381	43.04	ug/l	99
36) 1,1-Dichloropropene	7.756	75	156338	46.46	ug/l	97
37) Ethyl Acetate	6.894	43	132673	40.79	ug/l	99
38) Carbon Tetrachloride	7.737	117	157991	44.97	ug/l	98
39) Methylcyclohexane	9.048	83	187937	46.67	ug/l	96
40) Benzene	8.007	78	490754	48.57	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	63428	37.49	ug/l	93
42) 1,2-Dichloroethane	8.090	62	155503	42.56	ug/l	99
43) Isopropyl Acetate	8.135	43	219072	39.33	ug/l	96
44) Trichloroethene	8.804	130	145723	49.78	ug/l	92
45) 1,2-Dichloropropane	9.087	63	126966	48.48	ug/l	98
46) Dibromomethane	9.177	93	85228	47.90	ug/l #	87
47) Bromodichloromethane	9.373	83	165340	44.71	ug/l	99
48) Methyl methacrylate	9.171	41	110321	40.49	ug/l	94
49) 1,4-Dioxane	9.174	88	31534	726.04	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	666095	210.41	ug/l	96
52) Toluene	10.126	92	315035	49.40	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	188902	45.26	ug/l	98
54) cis-1,3-Dichloropropene	9.810	75	205658	46.09	ug/l	95
55) 1,1,2-Trichloroethane	10.534	97	125428	49.68	ug/l	96
56) Ethyl methacrylate	10.402	69	178759	46.33	ug/l	94
57) 1,3-Dichloropropane	10.679	76	207602	49.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	418328	245.60	ug/l	97
59) 2-Hexanone	10.724	43	484484	209.08	ug/l	95
60) Dibromochloromethane	10.875	129	144456	48.28	ug/l	99
61) 1,2-Dibromoethane	10.978	107	134554	49.66	ug/l	100
64) Tetrachloroethene	10.601	164	163349	47.57	ug/l	94
65) Chlorobenzene	11.405	112	360554	49.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.482	131	136697	48.96	ug/l	99
67) Ethyl Benzene	11.482	91	606849	47.18	ug/l	98
68) m/p-Xylenes	11.595	106	483824	98.99	ug/l	95
69) o-Xylene	11.920	106	233008	49.18	ug/l	97
70) Styrene	11.939	104	396874	50.17	ug/l	97
71) Bromoform	12.100	173	114483	47.95	ug/l #	100
73) Isopropylbenzene	12.222	105	607036	43.08	ug/l	98
74) N-amyl acetate	12.045	43	201972	37.21	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.479	83	174032	45.45	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	160711m	41.96	ug/l	
77) Bromobenzene	12.498	156	175603	47.06	ug/l	85
78) n-propylbenzene	12.566	91	683035	43.05	ug/l	96
79) 2-Chlorotoluene	12.650	91	406846	43.53	ug/l	95
80) 1,3,5-Trimethylbenzene	12.707	105	526780	43.75	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	59882	41.01	ug/l	96
82) 4-Chlorotoluene	12.746	91	427692	44.25	ug/l	95
83) tert-Butylbenzene	12.968	119	454313	44.24	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	526642	44.86	ug/l	96
85) sec-Butylbenzene	13.148	105	589983	43.44	ug/l	97
86) p-Isopropyltoluene	13.264	119	565286	45.15	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	305996	48.87	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	305097	48.58	ug/l	97
89) n-Butylbenzene	13.588	91	457411	43.26	ug/l	97
90) Hexachloroethane	13.849	117	92669	43.66	ug/l	77
91) 1,2-Dichlorobenzene	13.627	146	301994	50.12	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	33772	43.67	ug/l	80
93) 1,2,4-Trichlorobenzene	14.881	180	185025	60.32	ug/l	98
94) Hexachlorobutadiene	14.981	225	103946	44.13	ug/l	100
95) Naphthalene	15.103	128	466375	58.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	178217	60.55	ug/l	97

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

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