

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011821\
 Data File : VN065544.D
 Acq On : 18 Jan 2021 14:23
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/19/2021 6:07:23 PM

Quant Time: Jan 18 15:50:26 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	7.627	168	255636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	373444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	359512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	208940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	361208	130.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 261.54%#			
35) Dibromofluoromethane	7.553	113	348277	155.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 310.94%#			
50) Toluene-d8	10.061	98	1329596	158.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 316.66%#			
62) 4-Bromofluorobenzene	12.376	95	536264	170.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 340.68%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	295022	129.88	ug/l	98
3) Chloromethane	2.049	50	377339	143.88	ug/l	100
4) Vinyl Chloride	2.177	62	424459	153.83	ug/l	98
5) Bromomethane	2.509	94	121667	61.63	ug/l	99
6) Chloroethane	2.660	64	272590	152.86	ug/l	100
7) Trichlorofluoromethane	2.988	101	556186	136.61	ug/l	96
8) Diethyl Ether	3.386	74	231691	142.30	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.718	101	325107	140.20	ug/l	95
10) Methyl Iodide	3.907	142	568322	161.61	ug/l	91
11) Tert butyl alcohol	4.788	59	244142	563.73	ug/l	100
12) 1,1-Dichloroethene	3.695	96	342077	138.47	ug/l	95
13) Acrolein	3.576	56	276502	814.09	ug/l	100
14) Allyl chloride	4.277	41	486797	123.35	ug/l	96
15) Acrylonitrile	4.949	53	774457	697.81	ug/l	100
16) Acetone	3.792	43	572005	458.41	ug/l	89
17) Carbon Disulfide	4.004	76	874629	141.22	ug/l	100
18) Methyl Acetate	4.293	43	324667	129.32	ug/l	97
19) Methyl tert-butyl Ether	5.010	73	1027214	132.95	ug/l	100
20) Methylene Chloride	4.505	84	370746	133.51	ug/l	96
21) trans-1,2-Dichloroethene	4.991	96	347391	143.57	ug/l	95
22) Diisopropyl ether	5.920	45	1012165	127.22	ug/l	96
23) Vinyl Acetate	5.856	43	4076271	615.09	ug/l	96
24) 1,1-Dichloroethane	5.801	63	604617	137.25	ug/l	100
25) 2-Butanone	6.804	43	908228	589.44	ug/l	91
26) 2,2-Dichloropropane	6.782	77	501941	121.00	ug/l	97
27) cis-1,2-Dichloroethene	6.785	96	412017	145.90	ug/l	94
28) Bromochloromethane	7.155	49	252573	134.68	ug/l	87
29) Tetrahydrofuran	7.180	42	622191	617.47	ug/l	94
30) Chloroform	7.335	83	620642	136.76	ug/l	99
31) Cyclohexane	7.615	56	523230	127.18	ug/l	99
32) 1,1,1-Trichloroethane	7.531	97	541028	132.63	ug/l	98
36) 1,1-Dichloropropene	7.753	75	482456	144.46	ug/l	97
37) Ethyl Acetate	6.894	43	391481	121.27	ug/l	98
38) Carbon Tetrachloride	7.737	117	485211	139.16	ug/l	99
39) Methylcyclohexane	9.049	83	576840	144.34	ug/l	95
40) Benzene	8.004	78	1479649	147.55	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	198188	118.03	ug/l	91
42) 1,2-Dichloroethane	8.087	62	464600	128.13	ug/l	99
43) Isopropyl Acetate	8.135	43	678569	122.74	ug/l	96
44) Trichloroethene	8.801	130	439783	151.37	ug/l	92
45) 1,2-Dichloropropane	9.087	63	384577	147.96	ug/l	99
46) Dibromomethane	9.177	93	257571	145.85	ug/l	88
47) Bromodichloromethane	9.373	83	515826	140.56	ug/l	99
48) Methyl methacrylate	9.171	41	338829	125.30	ug/l	92
49) 1,4-Dioxane	9.174	88	113225	2626.77	ug/l	96
51) 4-Methyl-2-Pentanone	9.958	43	2055524	654.25	ug/l	94
52) Toluene	10.126	92	975805	154.19	ug/l	99
53) t-1,3-Dichloropropene	10.354	75	608912	146.99	ug/l	99
54) cis-1,3-Dichloropropene	9.811	75	649888	146.75	ug/l	95
55) 1,1,2-Trichloroethane	10.534	97	385746	153.96	ug/l	96
56) Ethyl methacrylate	10.402	69	572768	149.57	ug/l	93
57) 1,3-Dichloropropane	10.679	76	638522	154.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	1310059	775.01	ug/l	97
59) 2-Hexanone	10.727	43	1565626	680.78	ug/l	93
60) Dibromochloromethane	10.875	129	464462	156.41	ug/l	99
61) 1,2-Dibromoethane	10.978	107	419904	156.15	ug/l	100
64) Tetrachloroethene	10.602	164	465966	134.18	ug/l	96
65) Chlorobenzene	11.405	112	1127399	154.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.483	131	426450	151.04	ug/l	99
67) Ethyl Benzene	11.486	91	1906866	146.60	ug/l	97
68) m/p-Xylenes	11.595	106	1531330	309.83	ug/l	93
69) o-Xylene	11.920	106	743061	155.11	ug/l	96
70) Styrene	11.936	104	1290121	161.27	ug/l	97
71) Bromoform	12.100	173	388809	161.04	ug/l #	100
73) Isopropylbenzene	12.222	105	1931914	123.96	ug/l	97
74) N-amyl acetate	12.045	43	693753	115.57	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.479	83	564639	133.34	ug/l	98
76) 1,2,3-Trichloropropane	12.528	75	562993m	132.90	ug/l	
77) Bromobenzene	12.499	156	569079	137.89	ug/l	87
78) n-propylbenzene	12.566	91	2230562	127.13	ug/l	96
79) 2-Chlorotoluene	12.650	91	1332813	128.95	ug/l	95
80) 1,3,5-Trimethylbenzene	12.708	105	1703050	127.91	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.274	75	213084	131.96	ug/l	97
82) 4-Chlorotoluene	12.746	91	1427205	133.53	ug/l	95
83) tert-Butylbenzene	12.968	119	1479803	130.31	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	1754033	135.09	ug/l	97
85) sec-Butylbenzene	13.145	105	1935758	128.88	ug/l	97
86) p-Isopropyltoluene	13.264	119	1873016	135.27	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	1032647	149.12	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	1027903	147.99	ug/l	97
89) n-Butylbenzene	13.589	91	1565497	133.88	ug/l	97
90) Hexachloroethane	13.849	117	329066	140.20	ug/l	78
91) 1,2-Dichlorobenzene	13.627	146	999940	150.06	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	117005	136.80	ug/l	81
93) 1,2,4-Trichlorobenzene	14.881	180	665423	196.15	ug/l	98
94) Hexachlorobutadiene	14.981	225	338387	129.89	ug/l	99
95) Naphthalene	15.103	128	1698972	192.24	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	638770	196.23	ug/l	98

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

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