

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067323.D
 Acq On : 14 Jun 2021 12:39
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:03 PM

Quant Time: Jun 15 04:12:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:08:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	364708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	702220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	664724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	288660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1134602	160.587	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 321.180%#			
35) Dibromofluoromethane	8.021	113	732086	160.325	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 320.660%#			
50) Toluene-d8	10.443	98	2848531	161.058	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 322.120%#			
62) 4-Bromofluorobenzene	12.734	95	1240596	168.896	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 337.800%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.067	85	907220	192.710	ug/l	100
3) Chloromethane	2.295	50	870093	181.000	ug/l	99
4) Vinyl Chloride	2.440	62	905823	192.652	ug/l	99
5) Bromomethane	2.813	94	352563	151.246	ug/l	98
6) Chloroethane	2.971	64	517013	180.954	ug/l	96
7) Trichlorofluoromethane	3.347	101	1202602	183.177	ug/l	99
8) Diethyl Ether	3.816	74	464808	178.498	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.189	101	730727	186.690	ug/l	99
10) Methyl Iodide	4.406	142	771712	176.225	ug/l	100
11) Tert butyl alcohol	5.404	59	901826	763.264	ug/l	100
12) 1,1-Dichloroethene	4.162	96	704106	185.040	ug/l	97
13) Acrolein	4.033	56	599654	817.944	ug/l	100
14) Allyl chloride	4.824	41	1527484	184.998	ug/l	100
15) Acrylonitrile	5.557	53	2144751	949.103	ug/l	99
16) Acetone	4.291	43	1926153	828.356	ug/l	98
17) Carbon Disulfide	4.513	76	2251586	181.102	ug/l	99
18) Methyl Acetate	4.854	43	1003200	172.653	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	2933041	192.314	ug/l	99
20) Methylene Chloride	5.085	84	827009	167.739	ug/l	98
21) trans-1,2-Dichloroethene	5.586	96	765072	182.981	ug/l	96
22) Diisopropyl ether	6.498	45	3001092	192.076	ug/l	99
23) Vinyl Acetate	6.434	43	13454178	954.574	ug/l	100
24) 1,1-Dichloroethane	6.383	63	1599480	184.874	ug/l	99
25) 2-Butanone	7.340	43	3145905	933.454	ug/l	99
26) 2,2-Dichloropropane	7.324	77	1552447	180.047	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	896955	182.619	ug/l	100
28) Bromochloromethane	7.657	49	755431	189.008	ug/l	100
29) Tetrahydrofuran	7.689	42	2022970	942.135	ug/l	99
30) Chloroform	7.818	83	1658035	181.641	ug/l	100
31) Cyclohexane	8.094	56	1474873	153.654	ug/l	98
32) 1,1,1-Trichloroethane	8.013	97	1550171	185.529	ug/l	99
36) 1,1-Dichloropropene	8.220	75	1250742	185.318	ug/l	100
37) Ethyl Acetate	7.418	43	1298393	189.358	ug/l	100
38) Carbon Tetrachloride	8.204	117	1334986	184.208	ug/l	99
39) Methylcyclohexane	9.459	83	1361244	186.674	ug/l	100
40) Benzene	8.459	78	3502989	185.592	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	692178	184.677	ug/l	98
42) 1,2-Dichloroethane	8.531	62	1459751	183.720	ug/l	100
43) Isopropyl Acetate	8.566	43	2390466	185.506	ug/l	100
44) Trichloroethene	9.218	130	815693	184.881	ug/l	98
45) 1,2-Dichloropropane	9.491	63	947389	187.820	ug/l	100
46) Dibromomethane	9.580	93	639460	186.472	ug/l	99
47) Bromodichloromethane	9.765	83	1404228	181.799	ug/l	99
48) Methyl methacrylate	9.564	41	1102641	188.143	ug/l	98
49) 1,4-Dioxane	9.574	88	317055	3957.973	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	7012190	950.176	ug/l	100
52) Toluene	10.508	92	2203211	186.317	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	1628854	191.795	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1640160	191.799	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	841535	182.286	ug/l	99
56) Ethyl methacrylate	10.765	69	1596566	193.691	ug/l	100
57) 1,3-Dichloropropane	11.047	76	1556158	185.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	2297391	935.347	ug/l	99
59) 2-Hexanone	11.090	43	5186724	958.042	ug/l	100
60) Dibromochloromethane	11.242	129	972849	194.668	ug/l	99
61) 1,2-Dibromoethane	11.350	107	900943	187.673	ug/l	99
64) Tetrachloroethene	10.980	164	699006	173.752	ug/l	98
65) Chlorobenzene	11.773	112	2285289	183.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	858312	185.071	ug/l	99
67) Ethyl Benzene	11.849	91	4491975	181.865	ug/l	100
68) m/p-Xylenes	11.956	106	3190227	361.846	ug/l	99
69) o-Xylene	12.283	106	1577351	183.694	ug/l	100
70) Styrene	12.296	104	2731232	190.247	ug/l	100
71) Bromoform	12.463	173	701104	195.759	ug/l #	100
73) Isopropylbenzene	12.581	105	4221754	178.642	ug/l	100
74) N-amyl acetate	12.390	43	2138774	184.873	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	1234727	175.317	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	1093663m	157.538	ug/l	
77) Bromobenzene	12.862	156	887579	184.701	ug/l	99
78) n-propylbenzene	12.924	91	5143548	182.330	ug/l	100
79) 2-Chlorotoluene	13.010	91	3192930	182.973	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	3623189	182.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	485334	161.049	ug/l	99
82) 4-Chlorotoluene	13.106	91	3281973	186.200	ug/l	98
83) tert-Butylbenzene	13.326	119	2947555	184.788	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	3553464	180.541	ug/l	99
85) sec-Butylbenzene	13.503	105	4193126	186.056	ug/l	100
86) p-Isopropyltoluene	13.619	119	3326564	183.557	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	1583495	180.758	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	1586359	179.887	ug/l	100
89) n-Butylbenzene	13.946	91	3211742	188.734	ug/l	100
90) Hexachloroethane	14.214	117	694373	191.959	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	1493982	180.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	306190	172.025	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	866820	199.743	ug/l	100
94) Hexachlorobutadiene	15.373	225	427878	170.832	ug/l	99
95) Naphthalene	15.507	128	2752767	203.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	828661	197.901	ug/l	99

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

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