

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067264.D
 Acq On : 10 Jun 2021 11:34
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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 6/11/2021 6:07:35 PM

Quant Time: Jun 10 12:05:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:44:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	373869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	704100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	670119	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	299274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1112619	199.197	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 398.400%#			
35) Dibromofluoromethane	8.021	113	721207	168.960	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 337.920%#			
50) Toluene-d8	10.443	98	2891312	151.994	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 303.980%#			
62) 4-Bromofluorobenzene	12.733	95	1234568	176.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 353.640%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	724853	199.426	ug/l	100
3) Chloromethane	2.298	50	904829	165.764	ug/l	99
4) Vinyl Chloride	2.443	62	893972	84.821	ug/l	98
5) Bromomethane	2.815	94	334590	38.731	ug/l	98
6) Chloroethane	2.976	64	505864	59.505	ug/l	100
7) Trichlorofluoromethane	3.352	101	1111527	49.334	ug/l	98
8) Diethyl Ether	3.819	74	468180	158.225	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.189	101	649985	201.137	ug/l #	82
10) Methyl Iodide	4.409	142	766779	195.148	ug/l #	81
11) Tert butyl alcohol	5.404	59	978265	1137.512	ug/l #	82
12) 1,1-Dichloroethene	4.165	96	627529	194.437	ug/l #	75
13) Acrolein	4.036	56	375137	822.526	ug/l	96
14) Allyl chloride	4.830	41	1551171	234.119	ug/l #	86
15) Acrylonitrile	5.559	53	2104320	1056.011	ug/l	99
16) Acetone	4.293	43	2025280	1158.702	ug/l	89
17) Carbon Disulfide	4.516	76	1858888	195.144	ug/l	99
18) Methyl Acetate	4.854	43	1263799	226.758	ug/l #	88
19) Methyl tert-butyl Ether	5.621	73	2544973	194.438	ug/l	97
20) Methylene Chloride	5.090	84	778569	184.651	ug/l #	79
21) trans-1,2-Dichloroethene	5.589	96	692820	169.938	ug/l #	78
22) Diisopropyl ether	6.501	45	2795961	194.678	ug/l #	87
23) Vinyl Acetate	6.436	43	13457842	987.603	ug/l #	91
24) 1,1-Dichloroethane	6.383	63	1560002	194.053	ug/l	96
25) 2-Butanone	7.343	43	3400303	1062.079	ug/l #	86
26) 2,2-Dichloropropane	7.324	77	1461840	190.820	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	849014	171.004	ug/l	78
28) Bromochloromethane	7.659	49	806278	190.069	ug/l #	63
29) Tetrahydrofuran	7.689	42	1988658	1001.748	ug/l #	82
30) Chloroform	7.820	83	1557136	176.098	ug/l	99
31) Cyclohexane	8.094	56	1241808	173.976	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	1433787	177.899	ug/l #	94
36) 1,1-Dichloropropene	8.222	75	1187561	182.691	ug/l	93
37) Ethyl Acetate	7.418	43	1388242	202.402	ug/l #	93
38) Carbon Tetrachloride	8.206	117	1236830	178.794	ug/l	97
39) Methylcyclohexane	9.459	83	1233738	165.006	ug/l #	87
40) Benzene	8.461	78	3373330	166.513	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	756241	212.733	ug/l #	76
42) 1,2-Dichloroethane	8.531	62	1372928	190.204	ug/l	92
43) Isopropyl Acetate	8.566	43	2491117	197.020	ug/l #	89
44) Trichloroethene	9.217	130	775905	157.515	ug/l	75
45) 1,2-Dichloropropane	9.491	63	956697	183.767	ug/l	100
46) Dibromomethane	9.579	93	607724	163.005	ug/l #	78
47) Bromodichloromethane	9.764	83	1357997	182.491	ug/l	98
48) Methyl methacrylate	9.563	41	1187997	210.158	ug/l #	78
49) 1,4-Dioxane	9.574	88	296947	3429.419	ug/l #	80
51) 4-Methyl-2-Pentanone	10.336	43	7615092	942.594	ug/l	88
52) Toluene	10.507	92	2132708	147.344	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	1612974	178.838	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	1614989	178.432	ug/l #	79
55) 1,1,2-Trichloroethane	10.902	97	828598	154.654	ug/l	95
56) Ethyl methacrylate	10.765	69	1566984	174.963	ug/l #	71
57) 1,3-Dichloropropane	11.049	76	1526572	170.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	2034241	1027.198	ug/l	90
59) 2-Hexanone	11.089	43	5561517	966.917	ug/l	86
60) Dibromochloromethane	11.242	129	953204	155.332	ug/l	99
61) 1,2-Dibromoethane	11.350	107	854713	155.716	ug/l	99
64) Tetrachloroethene	10.979	164	663107	146.581	ug/l	89
65) Chlorobenzene	11.773	112	2268851	160.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	846520	161.182	ug/l	99
67) Ethyl Benzene	11.848	91	4412761	167.948	ug/l	94
68) m/p-Xylenes	11.956	106	3161206	307.943	ug/l	83
69) o-Xylene	12.283	106	1563998	155.949	ug/l	83
70) Styrene	12.296	104	2688139	156.757	ug/l #	91
71) Bromoform	12.460	173	668809	157.492	ug/l #	100
73) Isopropylbenzene	12.581	105	4231755	171.589	ug/l	96
74) N-amyl acetate	12.390	43	2199500	213.103	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	1294601	186.749	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	1148045m	187.401	ug/l	
77) Bromobenzene	12.862	156	868471	166.704	ug/l #	52
78) n-propylbenzene	12.924	91	5052991	181.281	ug/l	92
79) 2-Chlorotoluene	13.106	91	3168831	189.294	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	3679467	177.043	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	506939	205.567	ug/l #	83
82) 4-Chlorotoluene	13.010	91	3055094	188.977	ug/l	90
83) tert-Butylbenzene	13.326	119	3063808	172.980	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	3656497	177.131	ug/l	92
85) sec-Butylbenzene	13.503	105	4275998	173.516	ug/l	94
86) p-Isopropyltoluene	13.618	119	3651160	171.468	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	1595386	160.915	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	1581557	160.205	ug/l	94
89) n-Butylbenzene	13.946	91	3477001	185.177	ug/l	95
90) Hexachloroethane	14.214	117	669371	188.884	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	1500099	157.493	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.605	75	307558	218.935	ug/l	58
93) 1,2,4-Trichlorobenzene	15.265	180	862746	183.155	ug/l	96
94) Hexachlorobutadiene	15.372	225	447178	202.418	ug/l	100
95) Naphthalene	15.507	128	2673619	193.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	812628	184.092	ug/l	96

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

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