

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
 Data File : VN067251.D
 Acq On : 7 Jun 2021 13:42
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:56:41 PM

Quant Time: Jun 07 15:04:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 15:02:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	98634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	185952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	178498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	77025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	10966	8.035	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	16.080%	#	
35) Dibromofluoromethane	8.021	113	8410	7.337	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	14.680%	#	
50) Toluene-d8	10.446	98	35134	7.323	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	14.640%	#	
62) 4-Bromofluorobenzene	12.733	95	11421	5.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	11.920%	#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	9035	8.198	ug/l	97
3) Chloromethane	2.306	50	15157	10.719	ug/l	100
4) Vinyl Chloride	2.445	62	32956	15.982	ug/l	100
5) Bromomethane	2.858	94	29481	18.376	ug/l	99
6) Chloroethane	3.022	64	26795	17.940	ug/l	97
7) Trichlorofluoromethane	3.376	101	73984	28.458	ug/l	94
8) Diethyl Ether	3.821	74	6478	9.037	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.207	101	8418	8.962	ug/l	86
10) Methyl Iodide	4.417	142	8942	7.494	ug/l	93
11) Tert butyl alcohol	5.396	59	10557	47.787	ug/l	# 93
12) 1,1-Dichloroethene	4.173	96	8240	8.771	ug/l	93
13) Acrolein	4.041	56	5930	61.479	ug/l	93
14) Allyl chloride	4.843	41	15708m	9.174	ug/l	
15) Acrylonitrile	5.562	53	23641	48.123	ug/l	# 65
16) Acetone	4.296	43	20644	44.397	ug/l	96
17) Carbon Disulfide	4.527	76	24103	8.801	ug/l	99
18) Methyl Acetate	4.862	43	13601	10.207	ug/l	# 85
19) Methyl tert-butyl Ether	5.623	73	29422	8.789	ug/l	100
20) Methylene Chloride	5.092	84	10696	9.146	ug/l	# 91
21) trans-1,2-Dichloroethene	5.594	96	9515	8.702	ug/l	93
22) Diisopropyl ether	6.503	45	29999	8.996	ug/l	93
23) Vinyl Acetate	6.439	43	130869	40.169	ug/l	95
24) 1,1-Dichloroethane	6.385	63	19157	9.486	ug/l	98
25) 2-Butanone	7.348	43	36897	48.416	ug/l	92
26) 2,2-Dichloropropane	7.327	77	18041	9.289	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	11966	9.309	ug/l	93
28) Bromochloromethane	7.659	49	10061	10.039	ug/l	# 72
29) Tetrahydrofuran	7.699	42	22399	49.476	ug/l	91
30) Chloroform	7.823	83	20004	9.192	ug/l	98
31) Cyclohexane	8.088	56	17585m	9.681	ug/l	
32) 1,1,1-Trichloroethane	8.021	97	18032	8.847	ug/l	95
36) 1,1-Dichloropropene	8.225	75	14699	8.540	ug/l	95
37) Ethyl Acetate	7.420	43	16722	10.064	ug/l	# 80
38) Carbon Tetrachloride	8.206	117	15213	8.212	ug/l	92
39) Methylcyclohexane	9.459	83	17207	8.834	ug/l	98
40) Benzene	8.464	78	45596	8.538	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.646	41	7828	9.085	ug/l #	75
42) 1,2-Dichloroethane	8.533	62	15616	8.545	ug/l	82
43) Isopropyl Acetate	8.566	43	29193	9.199	ug/l	91
44) Trichloroethene	9.217	130	10984	8.201	ug/l	95
45) 1,2-Dichloropropane	9.494	63	12561	9.435	ug/l	95
46) Dibromomethane	9.577	93	8308	8.797	ug/l #	82
47) Bromodichloromethane	9.764	83	16419	8.580	ug/l	97
48) Methyl methacrylate	9.563	41	12176	8.829	ug/l #	85
49) 1,4-Dioxane	9.574	88	3744	173.851	ug/l #	89
51) 4-Methyl-2-Pentanone	10.336	43	87274	45.956	ug/l	90
52) Toluene	10.510	92	29065	8.007	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	18661	8.163	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	19741	8.649	ug/l #	90
55) 1,1,2-Trichloroethane	10.902	97	11945	8.771	ug/l	98
56) Ethyl methacrylate	10.765	69	18320	8.248	ug/l #	78
57) 1,3-Dichloropropane	11.049	76	19757	8.820	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	20472	43.421	ug/l	94
59) 2-Hexanone	11.089	43	60263	43.359	ug/l	90
60) Dibromochloromethane	11.242	129	12509	7.764	ug/l	100
61) 1,2-Dibromoethane	11.349	107	11589	8.074	ug/l	99
64) Tetrachloroethene	10.982	164	11063	9.143	ug/l	96
65) Chlorobenzene	11.773	112	32297	8.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	11388	7.763	ug/l	95
67) Ethyl Benzene	11.848	91	59694	8.382	ug/l	97
68) m/p-Xylenes	11.958	106	45394	15.853	ug/l	98
69) o-Xylene	12.283	106	21804	7.810	ug/l	92
70) Styrene	12.296	104	35396	7.369	ug/l	97
71) Bromoform	12.465	173	8320	6.738	ug/l #	96
73) Isopropylbenzene	12.583	105	58546	9.976	ug/l	96
74) N-amyl acetate	12.393	43	23787	10.210	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	16712	10.165	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	13336m	9.237	ug/l	
77) Bromobenzene	12.865	156	11997	9.038	ug/l	79
78) n-propylbenzene	12.924	91	63276	9.281	ug/l	93
79) 2-Chlorotoluene	13.106	91	35857	8.608	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	48014	9.370	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	5334	8.838	ug/l	92
82) 4-Chlorotoluene	13.010	91	36528	9.190	ug/l	98
83) tert-Butylbenzene	13.329	119	40568	9.327	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	45672	8.962	ug/l	97
85) sec-Butylbenzene	13.506	105	56094	9.199	ug/l	95
86) p-Isopropyltoluene	13.618	119	47763	8.883	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	22125	8.649	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	22488	8.688	ug/l	95
89) n-Butylbenzene	13.946	91	41679	8.700	ug/l	95
90) Hexachloroethane	14.214	117	7910	8.689	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	21140	8.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	3144	9.390	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	10193	9.140	ug/l	97
94) Hexachlorobutadiene	15.372	225	4659	7.542	ug/l	94
95) Naphthalene	15.509	128	29204	10.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	9708	9.862	ug/l	99

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

