

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069825.D
 Acq On : 7 Dec 2021 19:39
 Operator : JC/MD
 Sample : M4956-09MS 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:39:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1030661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1715327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1604580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	677624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803160	50.471	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.940%			
35) Dibromofluoromethane	8.021	113	553090	51.477	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.960%			
50) Toluene-d8	10.440	98	2203836	51.083	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.731	95	793804	50.789	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	573569	47.714	ug/l	98
3) Chloromethane	2.303	50	671539	44.590	ug/l	97
4) Vinyl Chloride	2.448	62	662491	47.841	ug/l	98
5) Bromomethane	2.842	94	369572	49.124	ug/l	99
6) Chloroethane	3.014	64	403296	47.526	ug/l	95
7) Trichlorofluoromethane	3.373	101	862057	47.432	ug/l	99
8) Diethyl Ether	3.821	74	338207	48.316	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	510809	50.139	ug/l	96
10) Methyl Iodide	4.419	142	663199	47.651	ug/l	98
11) Tert butyl alcohol	5.380	59	618438	205.596	ug/l	98
12) 1,1-Dichloroethene	4.181	96	478163	48.705	ug/l	89
13) Acrolein	4.039	56	883002	344.707	ug/l	99
14) Allyl chloride	4.838	41	1061942	48.004	ug/l	93
15) Acrylonitrile	5.554	53	1846184	227.768	ug/l	98
16) Acetone	4.285	43	1677785	175.269	ug/l	96
17) Carbon Disulfide	4.527	76	1227239	48.386	ug/l	99
18) Methyl Acetate	4.854	43	1289623	44.632	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1840383	48.212	ug/l	96
20) Methylene Chloride	5.093	84	587452	46.163	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	507980	47.638	ug/l	86
22) Diisopropyl ether	6.498	45	2156381	49.871	ug/l	94
23) Vinyl Acetate	6.434	43	8846601	251.483	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1104850	49.327	ug/l	98
25) 2-Butanone	7.335	43	2703498	207.858	ug/l	91
26) 2,2-Dichloropropane	7.324	77	804026	46.168	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	625963	48.588	ug/l	86
28) Bromochloromethane	7.657	49	574874	49.356	ug/l #	78
29) Tetrahydrofuran	7.686	42	1781102	225.518	ug/l	88
30) Chloroform	7.817	83	1122409	49.618	ug/l	99
31) Cyclohexane	8.094	56	1044645	47.171	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	945967	49.093	ug/l	95
36) 1,1-Dichloropropene	8.220	75	809945	49.600	ug/l	96
37) Ethyl Acetate	7.412	43	1083561	44.583	ug/l	96
38) Carbon Tetrachloride	8.206	117	804913	50.266	ug/l	99
39) Methylcyclohexane	9.459	83	966819	49.776	ug/l	90
40) Benzene	8.458	78	2432499	48.735	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	547559	47.993	ug/l	89
42) 1,2-Dichloroethane	8.528	62	970972	48.190	ug/l	96
43) Isopropyl Acetate	8.560	43	1713418	47.640	ug/l #	94
44) Trichloroethene	9.215	130	2376473	199.484	ug/l	90
45) 1,2-Dichloropropane	9.491	63	661780	49.374	ug/l	99
46) Dibromomethane	9.577	93	426351	48.502	ug/l	93
47) Bromodichloromethane	9.762	83	845232	50.785	ug/l	99
48) Methyl methacrylate	9.558	41	876010	52.191	ug/l #	82
49) 1,4-Dioxane	9.569	88	249352	827.953	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	5588567	239.521	ug/l	95
52) Toluene	10.505	92	1520646	49.902	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	896359	45.064	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	962372	45.970	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	603240	49.064	ug/l	98
56) Ethyl methacrylate	10.760	69	1027287	44.543	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1077561	49.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	21493	21.567	ug/l #	85
59) 2-Hexanone	11.084	43	3953888	224.014	ug/l	93
60) Dibromochloromethane	11.237	129	609187	46.422	ug/l	100
61) 1,2-Dibromoethane	11.344	107	625683	49.132	ug/l	99
64) Tetrachloroethene	10.977	164	517143	47.531	ug/l	95
65) Chlorobenzene	11.768	112	1608776	49.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	591550	51.631	ug/l	99
67) Ethyl Benzene	11.843	91	3008386	50.877	ug/l	96
68) m/p-Xylenes	11.953	106	2192184	101.821	ug/l	92
69) o-Xylene	12.280	106	1092684	50.386	ug/l	91
70) Styrene	12.294	104	1766873	51.381	ug/l	96
71) Bromoform	12.457	173	442723	45.442	ug/l #	99
73) Isopropylbenzene	12.578	105	2889806	47.932	ug/l	98
74) N-amyl acetate	12.388	43	1220028	45.758	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	959702	46.033	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	874229m	44.988	ug/l	
77) Bromobenzene	12.860	156	662393	46.775	ug/l	78
78) n-propylbenzene	12.919	91	3261187	48.610	ug/l	96
79) 2-Chlorotoluene	13.007	91	2022978	47.721	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2368917	48.817	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	257559	43.916	ug/l	94
82) 4-Chlorotoluene	13.104	91	1923349	48.245	ug/l	93
83) tert-Butylbenzene	13.324	119	2056241	47.855	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2312846	50.046	ug/l	98
85) sec-Butylbenzene	13.501	105	2820202	48.388	ug/l	97
86) p-Isopropyltoluene	13.616	119	2233308	49.022	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1102365	47.384	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1057716	46.264	ug/l	97
89) n-Butylbenzene	13.940	91	1751822	47.404	ug/l	97
90) Hexachloroethane	14.209	117	407794	50.984	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	1063421	46.913	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	167052	44.343	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	449694	40.998	ug/l	98
94) Hexachlorobutadiene	15.370	225	269112	44.796	ug/l	97
95) Naphthalene	15.507	128	1177556	36.710	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	434469	40.581	ug/l	98

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

