

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069647.D
 Acq On : 24 Nov 2021 17:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 07:01:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1150498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1891471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1795219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	812045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	806858	48.368	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	8.021	113	567952	50.065	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.140%		
50) Toluene-d8	10.440	98	2188244	49.045	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.731	95	860697	52.512	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	551422	44.863	ug/l	100
3) Chloromethane	2.303	50	602548	42.271	ug/l	99
4) Vinyl Chloride	2.448	62	612009	42.879	ug/l	98
5) Bromomethane	2.840	94	325815	35.149	ug/l	98
6) Chloroethane	3.014	64	393417	40.837	ug/l	99
7) Trichlorofluoromethane	3.373	101	915937	41.522	ug/l	97
8) Diethyl Ether	3.821	74	368645	51.653	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.208	101	540443	52.011	ug/l	97
10) Methyl Iodide	4.419	142	643232	50.470	ug/l	99
11) Tert butyl alcohol	5.377	59	689877	229.503	ug/l	99
12) 1,1-Dichloroethene	4.181	96	463093	49.663	ug/l	91
13) Acrolein	4.041	56	95371	223.345	ug/l	97
14) Allyl chloride	4.840	41	1064006	51.610	ug/l	94
15) Acrylonitrile	5.554	53	2014304	261.675	ug/l	99
16) Acetone	4.285	43	2074683	230.509	ug/l	97
17) Carbon Disulfide	4.527	76	833376	37.809	ug/l	99
18) Methyl Acetate	4.854	43	1447912	49.489	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	2142369	54.288	ug/l	98
20) Methylene Chloride	5.095	84	618291	48.445	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	510387	49.004	ug/l	88
22) Diisopropyl ether	6.495	45	2432256	54.769	ug/l	95
23) Vinyl Acetate	6.434	43	9322358	271.409	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1197889	52.958	ug/l	98
25) 2-Butanone	7.335	43	3046178	249.946	ug/l	92
26) 2,2-Dichloropropane	7.327	77	915131	51.709	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	680470	52.705	ug/l	88
28) Bromochloromethane	7.657	49	592310	51.133	ug/l #	82
29) Tetrahydrofuran	7.683	42	1884043	251.909	ug/l	90
30) Chloroform	7.817	83	1248048	53.820	ug/l	100
31) Cyclohexane	8.094	56	1021688	44.830	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	1023584	52.881	ug/l	96
36) 1,1-Dichloropropene	8.220	75	830760	52.198	ug/l	97
37) Ethyl Acetate	7.412	43	1142187	53.090	ug/l	96
38) Carbon Tetrachloride	8.206	117	827424	53.849	ug/l	100
39) Methylcyclohexane	9.459	83	994705	50.241	ug/l	91
40) Benzene	8.458	78	2579855	52.515	ug/l	99

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41) Methacrylonitrile	7.635	41	611809	55.035	ug/l	89
42) 1,2-Dichloroethane	8.531	62	1058281	55.017	ug/l	97
43) Isopropyl Acetate	8.560	43	1892247	54.758	ug/l #	94
44) Trichloroethene	9.215	130	631206	53.687	ug/l	92
45) 1,2-Dichloropropane	9.488	63	736609	56.122	ug/l	99
46) Dibromomethane	9.577	93	467557	53.184	ug/l	93
47) Bromodichloromethane	9.762	83	928678	56.610	ug/l	99
48) Methyl methacrylate	9.558	41	869446	53.477	ug/l	91
49) 1,4-Dioxane	9.569	88	290253	904.720	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	6163619	276.328	ug/l	96
52) Toluene	10.505	92	1624809	53.090	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	986662	48.974	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1064336	50.072	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	693136	56.184	ug/l	98
56) Ethyl methacrylate	10.760	69	1176971	50.598	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1199676	55.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1215578	207.590	ug/l	92
59) 2-Hexanone	11.084	43	4399308	234.112	ug/l	93
60) Dibromochloromethane	11.237	129	675242	49.874	ug/l	100
61) 1,2-Dibromoethane	11.344	107	689659	50.082	ug/l	100
64) Tetrachloroethene	10.977	164	571054	52.682	ug/l	96
65) Chlorobenzene	11.771	112	1801965	53.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	660229	56.964	ug/l	99
67) Ethyl Benzene	11.843	91	3333320	54.087	ug/l	96
68) m/p-Xylenes	11.953	106	2445360	107.886	ug/l	93
69) o-Xylene	12.280	106	1245839	55.134	ug/l	93
70) Styrene	12.294	104	2045571	50.407	ug/l	96
71) Bromoform	12.457	173	482110	48.049	ug/l #	99
73) Isopropylbenzene	12.578	105	3332305	51.539	ug/l	99
74) N-amyl acetate	12.388	43	1425413	52.021	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1108656	50.841	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	920514m	49.120	ug/l	
77) Bromobenzene	12.860	156	774931	52.407	ug/l	81
78) n-propylbenzene	12.919	91	3843562	52.831	ug/l	97
79) 2-Chlorotoluene	13.007	91	2350744	52.186	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2746435	52.544	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	275387	44.467	ug/l	91
82) 4-Chlorotoluene	13.104	91	2290701	53.345	ug/l	93
83) tert-Butylbenzene	13.324	119	2447329	53.430	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2695871	53.426	ug/l	99
85) sec-Butylbenzene	13.501	105	3433346	53.659	ug/l	98
86) p-Isopropyltoluene	13.616	119	2762193	54.381	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1349990	52.659	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1302327	51.782	ug/l	97
89) n-Butylbenzene	13.943	91	2293224	54.140	ug/l	98
90) Hexachloroethane	14.209	117	455608	48.851	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	1305169	53.502	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	187713	46.433	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	610099	47.872	ug/l	98
94) Hexachlorobutadiene	15.370	225	355754	56.125	ug/l	98
95) Naphthalene	15.507	128	1618319	45.348	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	589338	48.330	ug/l	98

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

