

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069852.D
 Acq On : 8 Dec 2021 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:33:55 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	1100372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1773908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1680015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	723124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	807977	47.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.120%		
35) Dibromofluoromethane	8.021	113	557087	50.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.280%		
50) Toluene-d8	10.440	98	2219694	49.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.731	95	825982	51.102	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	635609	49.525	ug/l	98
3) Chloromethane	2.303	50	741237	46.100	ug/l	100
4) Vinyl Chloride	2.448	62	701109	47.422	ug/l	99
5) Bromomethane	2.845	94	413497	51.480	ug/l	99
6) Chloroethane	3.017	64	425259	46.939	ug/l	97
7) Trichlorofluoromethane	3.376	101	920930	47.461	ug/l	98
8) Diethyl Ether	3.824	74	364197	48.733	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	551854	50.736	ug/l	96
10) Methyl Iodide	4.419	142	716760	48.236	ug/l	98
11) Tert butyl alcohol	5.377	59	574455	178.876	ug/l	99
12) 1,1-Dichloroethene	4.178	96	502529	47.944	ug/l	86
13) Acrolein	4.038	56	839329	306.900	ug/l	99
14) Allyl chloride	4.840	41	1134213	48.022	ug/l	94
15) Acrylonitrile	5.554	53	1882327	217.515	ug/l	98
16) Acetone	4.285	43	2378701	232.747	ug/l	96
17) Carbon Disulfide	4.529	76	1288035	47.566	ug/l	98
18) Methyl Acetate	4.854	43	1343620	43.555	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1966202	48.245	ug/l	94
20) Methylene Chloride	5.095	84	622567	45.823	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	540746	47.498	ug/l	85
22) Diisopropyl ether	6.495	45	2329702	50.466	ug/l	96
23) Vinyl Acetate	6.433	43	9421998	250.871	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1181850	49.422	ug/l	98
25) 2-Butanone	7.335	43	3058623	220.264	ug/l	91
26) 2,2-Dichloropropane	7.327	77	939902	50.551	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	661588	48.099	ug/l	85
28) Bromochloromethane	7.656	49	614404	49.408	ug/l #	77
29) Tetrahydrofuran	7.683	42	1807486	214.360	ug/l	87
30) Chloroform	7.817	83	1179677	48.846	ug/l	97
31) Cyclohexane	8.094	56	1126269	47.635	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	999556	48.588	ug/l	95
36) 1,1-Dichloropropene	8.220	75	872987	51.696	ug/l	96
37) Ethyl Acetate	7.412	43	1106723	44.032	ug/l	96
38) Carbon Tetrachloride	8.206	117	837105	50.550	ug/l	98
39) Methylcyclohexane	9.459	83	1063284	52.935	ug/l	89
40) Benzene	8.458	78	2596969	50.312	ug/l	98

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41) Methacrylonitrile	7.635	41	578359	49.018	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1040522	49.937	ug/l	96
43) Isopropyl Acetate	8.560	43	1765918	47.478	ug/l #	94
44) Trichloroethene	9.215	130	622065	50.493	ug/l	93
45) 1,2-Dichloropropane	9.488	63	717575	51.769	ug/l	100
46) Dibromomethane	9.577	93	455527	50.110	ug/l	93
47) Bromodichloromethane	9.762	83	904851	52.572	ug/l	99
48) Methyl methacrylate	9.558	41	839133	48.343	ug/l	89
49) 1,4-Dioxane	9.569	88	247789	795.592	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5762318	238.812	ug/l	95
52) Toluene	10.505	92	1631900	51.785	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	980501	47.505	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1058118	48.748	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	642814	50.556	ug/l	98
56) Ethyl methacrylate	10.759	69	1078339	45.178	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1139436	50.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1255616	197.940	ug/l	91
59) 2-Hexanone	11.084	43	4247727	232.715	ug/l	93
60) Dibromochloromethane	11.237	129	647002	47.611	ug/l	100
61) 1,2-Dibromoethane	11.344	107	662031	50.269	ug/l	98
64) Tetrachloroethene	10.977	164	575052	50.480	ug/l	95
65) Chlorobenzene	11.768	112	1733960	50.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	625194	52.117	ug/l	99
67) Ethyl Benzene	11.843	91	3250379	52.502	ug/l	95
68) m/p-Xylenes	11.953	106	2382616	105.697	ug/l	92
69) o-Xylene	12.280	106	1178294	51.894	ug/l	91
70) Styrene	12.294	104	1929209	53.582	ug/l	95
71) Bromoform	12.457	173	466140	45.682	ug/l #	100
73) Isopropylbenzene	12.578	105	3132474	48.688	ug/l	98
74) N-amyl acetate	12.387	43	1281509	45.040	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	998417	44.876	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	866468m	41.783	ug/l	
77) Bromobenzene	12.859	156	710892	47.041	ug/l	79
78) n-propylbenzene	12.918	91	3625697	50.643	ug/l	96
79) 2-Chlorotoluene	13.007	91	2200581	48.645	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2596362	50.138	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	277132	44.246	ug/l	95
82) 4-Chlorotoluene	13.104	91	2124621	49.940	ug/l	93
83) tert-Butylbenzene	13.323	119	2236603	48.777	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2534766	51.397	ug/l	98
85) sec-Butylbenzene	13.500	105	3165142	50.890	ug/l	97
86) p-Isopropyltoluene	13.616	119	2537236	52.189	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1227797	49.455	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1181138	48.412	ug/l	97
89) n-Butylbenzene	13.943	91	2075065	52.617	ug/l	98
90) Hexachloroethane	14.208	117	434735	50.933	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1178689	48.727	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172006	42.785	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	524884	44.573	ug/l	98
94) Hexachlorobutadiene	15.367	225	325155	50.720	ug/l	99
95) Naphthalene	15.507	128	1296385	37.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	501165	43.668	ug/l	99

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

