

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071480.D
 Acq On : 22 Mar 2022 20:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 23 07:11:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	574131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	964150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.740	117	909747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	375118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	420138	53.394	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.780%			
35) Dibromofluoromethane	8.016	113	316188	51.969	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.940%			
50) Toluene-d8	10.440	98	1235807	50.448	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.728	95	449797	54.224	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	259935	41.310	ug/l	99
3) Chloromethane	2.293	50	372764	44.123	ug/l	99
4) Vinyl Chloride	2.434	62	339779	44.062	ug/l	98
5) Bromomethane	2.811	94	144887	41.001	ug/l	97
6) Chloroethane	2.987	64	200337	42.899	ug/l	99
7) Trichlorofluoromethane	3.358	101	470345	46.341	ug/l	95
8) Diethyl Ether	3.822	74	214526	49.393	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.199	101	273785	46.597	ug/l	95
10) Methyl Iodide	4.411	142	375382	45.233	ug/l	99
11) Tert butyl alcohol	5.369	59	461995	298.876	ug/l	99
12) 1,1-Dichloroethene	4.175	96	262749	45.649	ug/l	90
13) Acrolein	4.034	56	311822	190.586	ug/l	100
14) Allyl chloride	4.834	41	607577	48.533	ug/l #	85
15) Acrylonitrile	5.546	53	1244157	271.065	ug/l	98
16) Acetone	4.281	43	1046941	273.449	ug/l	98
17) Carbon Disulfide	4.522	76	637546	38.907	ug/l	99
18) Methyl Acetate	4.846	43	582144	56.553	ug/l	96
19) Methyl tert-butyl Ether	5.611	73	1125292	52.071	ug/l	95
20) Methylene Chloride	5.087	84	339854	48.579	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	286192	45.458	ug/l	86
22) Diisopropyl ether	6.493	45	1265337	51.304	ug/l	90
23) Vinyl Acetate	6.428	43	5587830	267.623	ug/l	98
24) 1,1-Dichloroethane	6.387	63	645984	49.568	ug/l	99
25) 2-Butanone	7.328	43	1756939	284.870	ug/l	95
26) 2,2-Dichloropropane	7.322	77	444062	44.167	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	363256	48.614	ug/l	90
28) Bromochloromethane	7.657	49	289153	49.823	ug/l #	82
29) Tetrahydrofuran	7.681	42	1175921	275.217	ug/l	90
30) Chloroform	7.810	83	621042	49.963	ug/l	100
31) Cyclohexane	8.093	56	564287	44.907	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	530516	50.106	ug/l	97
36) 1,1-Dichloropropene	8.216	75	445111	45.661	ug/l	97
37) Ethyl Acetate	7.410	43	664772	49.552	ug/l	99
38) Carbon Tetrachloride	8.199	117	439684	46.632	ug/l	99
39) Methylcyclohexane	9.457	83	525720	45.843	ug/l	94
40) Benzene	8.452	78	1394812	47.491	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	371465	56.579	ug/l #	82
42) 1,2-Dichloroethane	8.522	62	516482	50.534	ug/l	99
43) Isopropyl Acetate	8.557	43	1062863	52.979	ug/l	95
44) Trichloroethene	9.210	130	325256	46.935	ug/l	95
45) 1,2-Dichloropropane	9.487	63	387937	49.204	ug/l	100
46) Dibromomethane	9.575	93	237947	49.034	ug/l	96
47) Bromodichloromethane	9.757	83	493615	50.334	ug/l	100
48) Methyl methacrylate	9.557	41	495829	53.331	ug/l #	82
49) 1,4-Dioxane	9.563	88	195410	1209.186	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	3497948	280.945	ug/l	100
52) Toluene	10.498	92	870807	48.149	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	538228	49.788	ug/l	97
54) cis-1,3-Dichloropropene	10.187	75	579353	49.048	ug/l	98
55) 1,1,2-Trichloroethane	10.893	97	354445	48.908	ug/l	99
56) Ethyl methacrylate	10.757	69	640066	54.082	ug/l	91
57) 1,3-Dichloropropane	11.040	76	648731	49.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.040	63	676471	269.602	ug/l	93
59) 2-Hexanone	11.081	43	2610217	307.258	ug/l	99
60) Dibromochloromethane	11.234	129	370326	51.429	ug/l	99
61) 1,2-Dibromoethane	11.340	107	362622	48.958	ug/l	99
64) Tetrachloroethene	10.975	164	279041	43.979	ug/l	97
65) Chlorobenzene	11.763	112	936554	47.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	351908	49.123	ug/l	99
67) Ethyl Benzene	11.840	91	1702339	49.280	ug/l	98
68) m/p-Xylenes	11.951	106	1272480	100.692	ug/l	97
69) o-Xylene	12.275	106	643002	50.760	ug/l	97
70) Styrene	12.292	104	1047486	53.420	ug/l	97
71) Bromoform	12.451	173	290057	53.316	ug/l #	99
73) Isopropylbenzene	12.575	105	1664199	46.022	ug/l	99
74) N-amyl acetate	12.381	43	740443	54.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	589996	55.170	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	467363m	51.490	ug/l	
77) Bromobenzene	12.857	156	385164	45.678	ug/l	78
78) n-propylbenzene	12.916	91	1845158	47.552	ug/l	97
79) 2-Chlorotoluene	13.004	91	1152506	46.269	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1322312	47.002	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	174708	50.346	ug/l	93
82) 4-Chlorotoluene	13.098	91	1068908	48.178	ug/l	94
83) tert-Butylbenzene	13.316	119	1224451	48.770	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1309947	48.612	ug/l	100
85) sec-Butylbenzene	13.498	105	1654230	49.571	ug/l	99
86) p-Isopropyltoluene	13.610	119	1320513	50.316	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	639000	46.639	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	607814	45.384	ug/l	98
89) n-Butylbenzene	13.939	91	1003046	48.865	ug/l	96
90) Hexachloroethane	14.204	117	251936	48.273	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	617957	46.914	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	111397	52.946	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	292963	47.795	ug/l	99
94) Hexachlorobutadiene	15.363	225	164464	44.476	ug/l	99
95) Naphthalene	15.498	128	964362	55.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	302807	51.339	ug/l	98

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

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