

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071482.D
 Acq On : 22 Mar 2022 22:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 23 07:11:57 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	8.080	168	575207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	961530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	893260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	368605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	416913	52.885	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.760%			
35) Dibromofluoromethane	8.016	113	314363	51.810	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.620%			
50) Toluene-d8	10.439	98	1225303	50.156	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.727	95	440313	53.226	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	252472	40.049	ug/l	100
3) Chloromethane	2.298	50	369491	43.653	ug/l	99
4) Vinyl Chloride	2.434	62	333648	43.186	ug/l	99
5) Bromomethane	2.816	94	157878	45.189	ug/l	96
6) Chloroethane	2.993	64	227086	48.536	ug/l	95
7) Trichlorofluoromethane	3.357	101	468910	46.113	ug/l	96
8) Diethyl Ether	3.822	74	213988	49.177	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	267963	45.521	ug/l	97
10) Methyl Iodide	4.416	142	369413	44.431	ug/l	99
11) Tert butyl alcohol	5.363	59	451067	291.261	ug/l	99
12) 1,1-Dichloroethene	4.175	96	261275	45.308	ug/l	89
13) Acrolein	4.034	56	299127	182.485	ug/l	99
14) Allyl chloride	4.834	41	595369	47.469	ug/l	85
15) Acrylonitrile	5.545	53	1232890	268.108	ug/l	99
16) Acetone	4.281	43	1051301	274.074	ug/l	96
17) Carbon Disulfide	4.528	76	627494	38.222	ug/l	100
18) Methyl Acetate	4.851	43	577999	56.050	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1111177	51.322	ug/l	96
20) Methylene Chloride	5.092	84	340152	48.531	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	283020	44.870	ug/l	89
22) Diisopropyl ether	6.486	45	1271652	51.464	ug/l	94
23) Vinyl Acetate	6.428	43	5541859	264.924	ug/l	98
24) 1,1-Dichloroethane	6.381	63	644252	49.342	ug/l	99
25) 2-Butanone	7.328	43	1753178	283.729	ug/l	96
26) 2,2-Dichloropropane	7.322	77	433741	43.059	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	357488	47.753	ug/l	90
28) Bromochloromethane	7.651	49	258304	44.424	ug/l #	81
29) Tetrahydrofuran	7.680	42	1168460	272.959	ug/l	91
30) Chloroform	7.816	83	617021	49.547	ug/l	100
31) Cyclohexane	8.092	56	551643	43.819	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	525881	49.575	ug/l	97
36) 1,1-Dichloropropene	8.216	75	439209	45.179	ug/l	97
37) Ethyl Acetate	7.404	43	674911	50.444	ug/l	97
38) Carbon Tetrachloride	8.204	117	442674	47.077	ug/l	98
39) Methylcyclohexane	9.457	83	512962	44.853	ug/l	94
40) Benzene	8.457	78	1383371	47.229	ug/l	99

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41) Methacrylonitrile	7.628	41	324112	49.501	ug/l	93
42) 1,2-Dichloroethane	8.527	62	508819	49.920	ug/l	99
43) Isopropyl Acetate	8.557	43	1032694	51.615	ug/l	96
44) Trichloroethene	9.210	130	319192	46.186	ug/l	98
45) 1,2-Dichloropropane	9.486	63	383950	48.831	ug/l	98
46) Dibromomethane	9.574	93	234375	48.430	ug/l	96
47) Bromodichloromethane	9.757	83	489621	50.063	ug/l	99
48) Methyl methacrylate	9.557	41	462088	49.837	ug/l #	87
49) 1,4-Dioxane	9.563	88	184454	1144.501	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	3458486	278.532	ug/l	99
52) Toluene	10.504	92	871127	48.298	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	529729	49.135	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	570751	48.452	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	352980	48.839	ug/l	97
56) Ethyl methacrylate	10.757	69	623759	52.848	ug/l	91
57) 1,3-Dichloropropane	11.039	76	638771	49.239	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	633016	254.689	ug/l	93
59) 2-Hexanone	11.080	43	2599930	306.881	ug/l	100
60) Dibromochloromethane	11.233	129	368195	51.273	ug/l	100
61) 1,2-Dibromoethane	11.339	107	357539	48.403	ug/l	100
64) Tetrachloroethene	10.974	164	272920	43.808	ug/l	97
65) Chlorobenzene	11.768	112	917651	47.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	346592	49.274	ug/l	100
67) Ethyl Benzene	11.839	91	1679309	49.510	ug/l	95
68) m/p-Xylenes	11.951	106	1243213	100.192	ug/l	97
69) o-Xylene	12.274	106	634287	50.996	ug/l	97
70) Styrene	12.292	104	1024703	53.222	ug/l	97
71) Bromoform	12.457	173	286455	53.625	ug/l #	100
73) Isopropylbenzene	12.574	105	1637973	46.097	ug/l	99
74) N-amyl acetate	12.386	43	735143	55.024	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.821	83	587836	55.977	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	467849m	52.510	ug/l	
77) Bromobenzene	12.857	156	379113	45.755	ug/l	78
78) n-propylbenzene	12.915	91	1816108	47.630	ug/l	98
79) 2-Chlorotoluene	13.004	91	1131644	46.234	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1312257	47.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	172813	50.680	ug/l	93
82) 4-Chlorotoluene	13.104	91	1063808	48.795	ug/l	93
83) tert-Butylbenzene	13.321	119	1197113	48.523	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	1274860	48.146	ug/l	99
85) sec-Butylbenzene	13.498	105	1613745	49.212	ug/l	98
86) p-Isopropyltoluene	13.610	119	1289430	50.000	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	631149	46.880	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	603414	45.852	ug/l	98
89) n-Butylbenzene	13.939	91	974580	48.318	ug/l	96
90) Hexachloroethane	14.209	117	245444	47.860	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	611650	47.256	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	110503	53.449	ug/l	87
93) 1,2,4-Trichlorobenzene	15.256	180	283723	47.149	ug/l	99
94) Hexachlorobutadiene	15.368	225	164648	45.313	ug/l	99
95) Naphthalene	15.504	128	911652	53.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	292724	50.551	ug/l	98

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

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