

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072568.D
 Acq On : 20 May 2022 10:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 21 01:30:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	184422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	279395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	308917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	144737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	146864	51.254	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.500%			
35) Dibromofluoromethane	8.016	113	97963	51.965	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.920%			
50) Toluene-d8	10.439	98	392872	55.057	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.120%			
62) 4-Bromofluorobenzene	12.727	95	157194	57.993	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	112870	53.463	ug/l	97
3) Chloromethane	2.298	50	99869	52.326	ug/l	99
4) Vinyl Chloride	2.440	62	84113	53.998	ug/l	97
5) Bromomethane	2.828	94	59615	40.773	ug/l	96
6) Chloroethane	3.004	64	53953	41.322	ug/l	96
7) Trichlorofluoromethane	3.369	101	178952	49.772	ug/l	97
8) Diethyl Ether	3.822	74	52115	48.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	85379	49.872	ug/l	98
10) Methyl Iodide	4.416	142	117899	53.916	ug/l #	82
11) Tert butyl alcohol	5.369	59	79853	304.645	ug/l #	87
12) 1,1-Dichloroethene	4.181	96	74090	49.231	ug/l	85
13) Acrolein	4.040	56	90799	249.650	ug/l	97
14) Allyl chloride	4.840	41	128504	50.201	ug/l	88
15) Acrylonitrile	5.545	53	230816	228.025	ug/l	98
16) Acetone	4.281	43	268271	308.863	ug/l	94
17) Carbon Disulfide	4.528	76	187691	48.159	ug/l	99
18) Methyl Acetate	4.851	43	110992	46.117	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	320810	51.619	ug/l	95
20) Methylene Chloride	5.098	84	87904	42.628	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	85211	50.525	ug/l	95
22) Diisopropyl ether	6.492	45	276460	49.047	ug/l	96
23) Vinyl Acetate	6.428	43	1230351	252.461	ug/l	96
24) 1,1-Dichloroethane	6.381	63	166585	48.594	ug/l	98
25) 2-Butanone	7.328	43	332348	243.352	ug/l	93
26) 2,2-Dichloropropane	7.322	77	172718	54.312	ug/l	93
27) cis-1,2-Dichloroethene	7.322	96	99583	47.946	ug/l	90
28) Bromochloromethane	7.651	49	69705	49.742	ug/l	98
29) Tetrahydrofuran	7.681	42	203205	245.869	ug/l	96
30) Chloroform	7.810	83	195326	49.786	ug/l	96
31) Cyclohexane	8.092	56	140721	44.183	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	190613	52.652	ug/l	97
36) 1,1-Dichloropropene	8.222	75	131987	51.428	ug/l	97
37) Ethyl Acetate	7.404	43	134725	47.770	ug/l	97
38) Carbon Tetrachloride	8.198	117	170310	53.615	ug/l	99
39) Methylcyclohexane	9.457	83	153531	51.258	ug/l	97
40) Benzene	8.457	78	363259	48.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	65322	48.281	ug/l	92
42) 1,2-Dichloroethane	8.527	62	172624	49.607	ug/l	94
43) Isopropyl Acetate	8.557	43	218673	48.216	ug/l	97
44) Trichloroethene	9.216	130	101914	49.989	ug/l	99
45) 1,2-Dichloropropane	9.486	63	93643	50.799	ug/l	96
46) Dibromomethane	9.574	93	71558	51.348	ug/l	96
47) Bromodichloromethane	9.757	83	158446	54.555	ug/l	98
48) Methyl methacrylate	9.557	41	102540	47.484	ug/l #	89
49) 1,4-Dioxane	9.569	88	30042	1598.008	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	726334	242.705	ug/l	94
52) Toluene	10.504	92	274363	56.426	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	182133	58.402	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	170882	55.501	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	116110	54.947	ug/l	98
56) Ethyl methacrylate	10.757	69	173251	54.753	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	199522	56.001	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	154118	199.496	ug/l	99
59) 2-Hexanone	11.080	43	581304	279.461	ug/l	92
60) Dibromochloromethane	11.233	129	142296	58.936	ug/l	100
61) 1,2-Dibromoethane	11.339	107	124624	56.870	ug/l	99
64) Tetrachloroethene	10.974	164	115801	54.018	ug/l	93
65) Chlorobenzene	11.763	112	317825	50.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	130781	51.452	ug/l	97
67) Ethyl Benzene	11.839	91	587931	53.658	ug/l	97
68) m/p-Xylenes	11.951	106	453622	107.535	ug/l	94
69) o-Xylene	12.274	106	221975	51.655	ug/l	97
70) Styrene	12.292	104	355881	53.789	ug/l	96
71) Bromoform	12.451	173	105918	54.148	ug/l #	99
73) Isopropylbenzene	12.574	105	602560	50.355	ug/l	97
74) N-amyl acetate	12.380	43	179865	45.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	168418	46.460	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	162028m	37.058	ug/l	
77) Bromobenzene	12.857	156	141455	46.148	ug/l	99
78) n-propylbenzene	12.915	91	663242	50.678	ug/l	99
79) 2-Chlorotoluene	13.004	91	411774	46.967	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	515570	49.680	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	53571	51.079	ug/l	95
82) 4-Chlorotoluene	13.098	91	412423	50.499	ug/l	96
83) tert-Butylbenzene	13.321	119	450273	51.084	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	508164	51.048	ug/l	95
85) sec-Butylbenzene	13.498	105	605444	52.892	ug/l	99
86) p-Isopropyltoluene	13.610	119	514520	54.657	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	254087	50.608	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	249704	51.132	ug/l	99
89) n-Butylbenzene	13.939	91	385942	54.160	ug/l	99
90) Hexachloroethane	14.204	117	84448	50.142	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	250180	49.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35612	46.434	ug/l	88
93) 1,2,4-Trichlorobenzene	15.256	180	114913	52.225	ug/l	97
94) Hexachlorobutadiene	15.362	225	68580	49.627	ug/l	98
95) Naphthalene	15.504	128	323678	50.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	113198	49.878	ug/l	96

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

