

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074576.D
 Acq On : 19 Sep 2022 10:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 04:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	229433	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.898	114	427896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	397167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	184927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	191729	49.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.500%		
35) Dibromofluoromethane	7.951	113	141680	49.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	10.380	98	535812	48.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.669	95	197520	52.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	110083	44.086	ug/l	95
3) Chloromethane	2.263	50	212550	50.604	ug/l	98
4) Vinyl Chloride	2.404	62	265686	59.112	ug/l	96
5) Bromomethane	2.775	94	183500	77.417	ug/l	98
6) Chloroethane	2.940	64	199139	64.864	ug/l	96
7) Trichlorofluoromethane	3.299	101	239605	48.274	ug/l	100
8) Diethyl Ether	3.763	74	121006	47.807	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.140	101	150452	48.996	ug/l	91
10) Methyl Iodide	4.340	142	177964	49.128	ug/l	94
11) Tert butyl alcohol	5.287	59	284318	224.204	ug/l	98
12) 1,1-Dichloroethene	4.104	96	147262	48.707	ug/l	99
13) Acrolein	3.975	56	133446	288.156	ug/l	96
14) Allyl chloride	4.751	41	365899	50.711	ug/l #	93
15) Acrylonitrile	5.463	53	760530	266.948	ug/l	99
16) Acetone	4.210	43	644365	258.672	ug/l	92
17) Carbon Disulfide	4.446	76	362714	43.775	ug/l	99
18) Methyl Acetate	4.763	43	399913	51.687	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	641959	50.408	ug/l	91
20) Methylene Chloride	5.004	84	190304	50.039	ug/l #	77
21) trans-1,2-Dichloroethene	5.504	96	161121	48.558	ug/l	90
22) Diisopropyl ether	6.398	45	783584	54.082	ug/l #	91
23) Vinyl Acetate	6.345	43	3616980	283.040	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	367399	50.730	ug/l	97
25) 2-Butanone	7.257	43	1130696	273.385	ug/l #	84
26) 2,2-Dichloropropane	7.245	77	295466	47.320	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	204445	48.124	ug/l	91
28) Bromochloromethane	7.575	49	106925	50.135	ug/l #	68
29) Tetrahydrofuran	7.604	42	759400	279.262	ug/l #	84
30) Chloroform	7.739	83	350357	52.413	ug/l	99
31) Cyclohexane	8.016	56	325192	47.062	ug/l	89
32) 1,1,1-Trichloroethane	7.934	97	282853	48.246	ug/l	95
36) 1,1-Dichloropropene	8.145	75	251946	50.077	ug/l	95
37) Ethyl Acetate	7.328	43	432718	55.692	ug/l #	94
38) Carbon Tetrachloride	8.128	117	232951	50.149	ug/l	97
39) Methylcyclohexane	9.386	83	304120	50.834	ug/l	95
40) Benzene	8.386	78	801540	51.520	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	222628	59.265	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	293467	54.967	ug/l	99
43) Isopropyl Acetate	8.492	43	689310	56.637	ug/l #	90
44) Trichloroethene	9.145	130	162919	48.394	ug/l	88
45) 1,2-Dichloropropane	9.428	63	222953	52.144	ug/l	96
46) Dibromomethane	9.516	93	143396	53.548	ug/l #	84
47) Bromodichloromethane	9.698	83	283539	54.006	ug/l	96
48) Methyl methacrylate	9.498	41	316677	58.681	ug/l #	84
49) 1,4-Dioxane	9.504	88	107640	1037.464	ug/l #	84
51) 4-Methyl-2-Pentanone	10.269	43	2406026	302.733	ug/l	87
52) Toluene	10.445	92	489065	53.607	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	328515	53.689	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	337373	51.522	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	204375	52.887	ug/l	93
56) Ethyl methacrylate	10.704	69	373233	54.069	ug/l #	74
57) 1,3-Dichloropropane	10.986	76	371633	54.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	782014	257.418	ug/l #	88
59) 2-Hexanone	11.027	43	1837706	302.893	ug/l	86
60) Dibromochloromethane	11.174	129	202391	54.709	ug/l	98
61) 1,2-Dibromoethane	11.286	107	202918	54.052	ug/l	100
64) Tetrachloroethene	10.916	164	133637	49.029	ug/l	92
65) Chlorobenzene	11.710	112	496985	49.844	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	184798	51.012	ug/l	98
67) Ethyl Benzene	11.786	91	971701	53.081	ug/l	99
68) m/p-Xylenes	11.892	106	726824	107.387	ug/l	97
69) o-Xylene	12.221	106	365546	52.971	ug/l	99
70) Styrene	12.233	104	607721	52.941	ug/l	98
71) Bromoform	12.398	173	147123	55.256	ug/l #	100
73) Isopropylbenzene	12.521	105	936307	49.448	ug/l	99
74) N-amyl acetate	12.327	43	629606	53.181	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	376573	49.627	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	274257m	48.181	ug/l	
77) Bromobenzene	12.798	156	205205	50.732	ug/l	78
78) n-propylbenzene	12.863	91	1154365	51.187	ug/l	95
79) 2-Chlorotoluene	12.945	91	668113	49.627	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	777476	50.369	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	129389	49.061	ug/l	96
82) 4-Chlorotoluene	13.045	91	644307	50.351	ug/l	97
83) tert-Butylbenzene	13.263	119	695736	49.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	787346	50.687	ug/l	97
85) sec-Butylbenzene	13.445	105	1005860	52.148	ug/l	96
86) p-Isopropyltoluene	13.557	119	804967	53.531	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	389619	52.418	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	374444	50.124	ug/l	97
89) n-Butylbenzene	13.886	91	746432	55.072	ug/l	95
90) Hexachloroethane	14.151	117	161290	49.296	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	388509	50.383	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	79229	47.285	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	188094	51.200	ug/l	97
94) Hexachlorobutadiene	15.304	225	80137	49.634	ug/l	98
95) Naphthalene	15.439	128	776959	49.114	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	191692	50.344	ug/l	99

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

