

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074682.D
 Acq On : 01 Oct 2022 01:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 03 02:09:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/03/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.928	168	342644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	594382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	666851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	444351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	405480	47.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.440%		
35) Dibromofluoromethane	7.863	113	307954	48.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	10.310	98	1303205	49.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.610	95	420533	50.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	344802	48.068	ug/l	98
3) Chloromethane	2.216	50	506033	48.222	ug/l	98
4) Vinyl Chloride	2.351	62	779102	51.129	ug/l	100
5) Bromomethane	2.716	94	596604	56.677	ug/l	98
6) Chloroethane	2.887	64	566613	48.388	ug/l	94
7) Trichlorofluoromethane	3.240	101	490902	46.333	ug/l	95
8) Diethyl Ether	3.675	74	213587	48.513	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.040	101	277724	43.987	ug/l #	90
10) Methyl Iodide	4.245	142	350779	46.756	ug/l	91
11) Tert butyl alcohol	5.163	59	515749	224.886	ug/l	100
12) 1,1-Dichloroethene	4.022	96	286652	44.793	ug/l	96
13) Acrolein	3.881	56	212844	227.261	ug/l	96
14) Allyl chloride	4.651	41	613243	44.364	ug/l	95
15) Acrylonitrile	5.357	53	1313955	242.806	ug/l	99
16) Acetone	4.122	43	1055730	257.714	ug/l	99
17) Carbon Disulfide	4.357	76	824421	44.143	ug/l	100
18) Methyl Acetate	4.663	43	756602	47.687	ug/l	90
19) Methyl tert-butyl Ether	5.416	73	1158544	47.434	ug/l	96
20) Methylene Chloride	4.904	84	357164	48.746	ug/l #	84
21) trans-1,2-Dichloroethene	5.398	96	317120	45.361	ug/l	97
22) Diisopropyl ether	6.304	45	1354642	48.172	ug/l #	95
23) Vinyl Acetate	6.239	43	5978873	241.907	ug/l #	92
24) 1,1-Dichloroethane	6.192	63	676801	47.165	ug/l	96
25) 2-Butanone	7.157	43	1925348	243.582	ug/l #	86
26) 2,2-Dichloropropane	7.145	77	436295	35.752	ug/l	98
27) cis-1,2-Dichloroethene	7.145	96	382687	44.753	ug/l	94
28) Bromochloromethane	7.492	49	317681	48.607	ug/l #	70
29) Tetrahydrofuran	7.510	42	1309077	251.005	ug/l #	85
30) Chloroform	7.657	83	660008	49.909	ug/l	100
31) Cyclohexane	7.933	56	621657	44.558	ug/l	89
32) 1,1,1-Trichloroethane	7.851	97	560915	48.334	ug/l	98
36) 1,1-Dichloropropene	8.063	75	491733	48.805	ug/l	95
37) Ethyl Acetate	7.239	43	751103	50.455	ug/l #	94
38) Carbon Tetrachloride	8.045	117	475413	51.505	ug/l	95
39) Methylcyclohexane	9.316	83	633457	50.360	ug/l	98
40) Benzene	8.304	78	1563999	50.363	ug/l	99

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41) Methacrylonitrile	7.475	41	333190	51.096	ug/l	90
42) 1,2-Dichloroethane	8.380	62	536764	51.451	ug/l	99
43) Isopropyl Acetate	8.416	43	1203323	50.480	ug/l #	91
44) Trichloroethene	9.075	130	329804	50.976	ug/l	91
45) 1,2-Dichloropropane	9.351	63	414899	49.077	ug/l	93
46) Dibromomethane	9.439	93	257638	48.349	ug/l #	86
47) Bromodichloromethane	9.627	83	535468	51.416	ug/l	97
48) Methyl methacrylate	9.427	41	498920	50.790	ug/l #	87
49) 1,4-Dioxane	9.433	88	196781	1050.210	ug/l #	95
51) 4-Methyl-2-Pentanone	10.204	43	4038606	267.745	ug/l	89
52) Toluene	10.374	92	986685	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	594975	50.399	ug/l	97
54) cis-1,3-Dichloropropene	10.057	75	617141	47.449	ug/l #	89
55) 1,1,2-Trichloroethane	10.774	97	375964	49.753	ug/l	96
56) Ethyl methacrylate	10.639	69	677526	51.976	ug/l #	81
57) 1,3-Dichloropropane	10.916	76	696518	52.081	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.910	63	1331512	250.192	ug/l #	89
59) 2-Hexanone	10.963	43	3113922	273.165	ug/l	87
60) Dibromochloromethane	11.110	129	401508	55.228	ug/l	97
61) 1,2-Dibromoethane	11.216	107	391278	52.840	ug/l	99
64) Tetrachloroethene	10.851	164	273398	48.494	ug/l	95
65) Chlorobenzene	11.645	112	992792	49.757	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.716	131	362730	50.955	ug/l	98
67) Ethyl Benzene	11.721	91	1902007	50.947	ug/l	98
68) m/p-Xylenes	11.827	106	1469482	103.948	ug/l	97
69) o-Xylene	12.157	106	723149	50.890	ug/l	96
70) Styrene	12.168	104	1209507	53.369	ug/l	99
71) Bromoform	12.333	173	286021	50.110	ug/l #	99
73) Isopropylbenzene	12.457	105	1896860	45.570	ug/l	97
74) N-amyl acetate	12.268	43	1097015	50.313	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.704	83	680481	51.308	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	490761m	49.467	ug/l	
77) Bromobenzene	12.733	156	393858	51.422	ug/l	81
78) n-propylbenzene	12.798	91	2269438	47.266	ug/l	97
79) 2-Chlorotoluene	12.880	91	1293778	44.841	ug/l	98
80) 1,3,5-Trimethylbenzene	12.939	105	1607101	48.384	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.504	75	225344	42.379	ug/l	99
82) 4-Chlorotoluene	12.980	91	1317478	49.066	ug/l	97
83) tert-Butylbenzene	13.198	119	1366072	46.049	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	1608279	48.484	ug/l	99
85) sec-Butylbenzene	13.380	105	2018181	48.412	ug/l	98
86) p-Isopropyltoluene	13.492	119	1656947	50.170	ug/l	99
87) 1,3-Dichlorobenzene	13.492	146	787312	48.659	ug/l	99
88) 1,4-Dichlorobenzene	13.568	146	785471	47.498	ug/l	99
89) n-Butylbenzene	13.821	91	1432515	49.164	ug/l	96
90) Hexachloroethane	14.086	117	330209	46.465	ug/l	74
91) 1,2-Dichlorobenzene	13.862	146	802364	47.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	139132	43.600	ug/l	88
93) 1,2,4-Trichlorobenzene	15.127	180	361231	47.887	ug/l	98
94) Hexachlorobutadiene	15.233	225	163137	51.850	ug/l	98
95) Naphthalene	15.362	128	1447420	49.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	357947	47.665	ug/l	99

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

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