

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074680.D
 Acq On : 30 Sep 2022 20:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 03 02:08:53 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	7.934	168	371084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	669510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	719429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	471262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	463756	49.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.740%		
35) Dibromofluoromethane	7.863	113	348610	49.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.310	98	1468217	49.256	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.610	95	480234	50.809	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	352555	45.382	ug/l	98
3) Chloromethane	2.216	50	518653	45.637	ug/l	98
4) Vinyl Chloride	2.352	62	816675	49.487	ug/l	98
5) Bromomethane	2.728	94	611869	53.673	ug/l	91
6) Chloroethane	2.893	64	645118	50.870	ug/l	92
7) Trichlorofluoromethane	3.246	101	515375	44.915	ug/l	98
8) Diethyl Ether	3.681	74	234602	49.222	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.051	101	297020	43.438	ug/l	89
10) Methyl Iodide	4.251	142	401324	49.394	ug/l	96
11) Tert butyl alcohol	5.181	59	529639	213.243	ug/l	97
12) 1,1-Dichloroethene	4.022	96	293867	42.401	ug/l	84
13) Acrolein	3.887	56	226232	222.982	ug/l	97
14) Allyl chloride	4.651	41	660263	44.105	ug/l	95
15) Acrylonitrile	5.357	53	1394611	237.959	ug/l	99
16) Acetone	4.122	43	1091675	245.793	ug/l	93
17) Carbon Disulfide	4.357	76	883118	43.662	ug/l	99
18) Methyl Acetate	4.663	43	786620	45.779	ug/l	90
19) Methyl tert-butyl Ether	5.422	73	1236578	46.749	ug/l	98
20) Methylene Chloride	4.904	84	387704	48.863	ug/l	89
21) trans-1,2-Dichloroethene	5.398	96	335920	44.367	ug/l	87
22) Diisopropyl ether	6.304	45	1464758	48.096	ug/l	95
23) Vinyl Acetate	6.245	43	6486732	242.340	ug/l #	92
24) 1,1-Dichloroethane	6.192	63	717882	46.194	ug/l	99
25) 2-Butanone	7.163	43	1999558	233.583	ug/l	89
26) 2,2-Dichloropropane	7.145	77	534448	40.439	ug/l	97
27) cis-1,2-Dichloroethene	7.151	96	404993	43.732	ug/l	93
28) Bromochloromethane	7.492	49	357487	50.506	ug/l #	71
29) Tetrahydrofuran	7.516	42	1371266	242.778	ug/l	86
30) Chloroform	7.657	83	687331	47.991	ug/l	98
31) Cyclohexane	7.934	56	669371	44.301	ug/l #	89
32) 1,1,1-Trichloroethane	7.857	97	601169	47.833	ug/l	97
36) 1,1-Dichloropropene	8.063	75	528256	46.547	ug/l	95
37) Ethyl Acetate	7.239	43	783345	46.716	ug/l #	94
38) Carbon Tetrachloride	8.051	117	491003	47.225	ug/l	99
39) Methylcyclohexane	9.316	83	674842	47.630	ug/l	95
40) Benzene	8.310	78	1647745	47.106	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	387550m	52.763	ug/l	
42) 1,2-Dichloroethane	8.381	62	555375	47.261	ug/l	99
43) Isopropyl Acetate	8.416	43	1278414	47.613	ug/l #	91
44) Trichloroethene	9.075	130	366382	50.275	ug/l	86
45) 1,2-Dichloropropane	9.351	63	449410	47.194	ug/l	98
46) Dibromomethane	9.439	93	279790	46.614	ug/l #	85
47) Bromodichloromethane	9.628	83	562537	47.954	ug/l	97
48) Methyl methacrylate	9.428	41	555276	50.184	ug/l	87
49) 1,4-Dioxane	9.433	88	196052	928.908	ug/l #	94
51) 4-Methyl-2-Pentanone	10.204	43	4236224	249.331	ug/l	90
52) Toluene	10.375	92	1053999	49.903	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	656686	49.385	ug/l	98
54) cis-1,3-Dichloropropene	10.057	75	689165	47.041	ug/l	95
55) 1,1,2-Trichloroethane	10.775	97	405472	47.636	ug/l	94
56) Ethyl methacrylate	10.639	69	734978	50.056	ug/l #	81
57) 1,3-Dichloropropane	10.922	76	739876	49.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.916	63	1357237	226.408	ug/l #	88
59) 2-Hexanone	10.963	43	3219680	250.748	ug/l	88
60) Dibromochloromethane	11.110	129	415215	50.704	ug/l	99
61) 1,2-Dibromoethane	11.216	107	413883	49.620	ug/l	99
64) Tetrachloroethene	10.845	164	284386	46.756	ug/l	93
65) Chlorobenzene	11.645	112	1055967	49.055	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.716	131	390729	50.877	ug/l	97
67) Ethyl Benzene	11.722	91	2013249	49.986	ug/l	99
68) m/p-Xylenes	11.827	106	1547825	101.488	ug/l	97
69) o-Xylene	12.157	106	763855	49.826	ug/l	96
70) Styrene	12.169	104	1259723	51.522	ug/l	98
71) Bromoform	12.333	173	315118	51.173	ug/l #	98
73) Isopropylbenzene	12.457	105	2021309	45.787	ug/l	98
74) N-amyl acetate	12.269	43	1186788	51.361	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.704	83	743869	52.966	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	623863m	59.863	ug/l	
77) Bromobenzene	12.733	156	414145	50.969	ug/l	82
78) n-propylbenzene	12.798	91	2389690	46.929	ug/l	96
79) 2-Chlorotoluene	12.880	91	1372324	44.847	ug/l	97
80) 1,3,5-Trimethylbenzene	12.939	105	1698217	48.207	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.504	75	252467	44.769	ug/l	98
82) 4-Chlorotoluene	12.980	91	1374861	48.279	ug/l	98
83) tert-Butylbenzene	13.198	119	1464339	46.543	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	1707872	48.546	ug/l	97
85) sec-Butylbenzene	13.374	105	2159540	48.845	ug/l	96
86) p-Isopropyltoluene	13.492	119	1735428	49.546	ug/l	98
87) 1,3-Dichlorobenzene	13.492	146	826981	48.192	ug/l	98
88) 1,4-Dichlorobenzene	13.568	146	819672	46.736	ug/l	98
89) n-Butylbenzene	13.821	91	1495715	48.402	ug/l	96
90) Hexachloroethane	14.086	117	336464	44.642	ug/l	78
91) 1,2-Dichlorobenzene	13.863	146	835426	46.652	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.474	75	141546	41.823	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	360623	45.076	ug/l	98
94) Hexachlorobutadiene	15.233	225	168387	50.432	ug/l	99
95) Naphthalene	15.362	128	1482751	47.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.557	180	370483	46.517	ug/l	98

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

