

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074606.D
 Acq On : 21 Sep 2022 12:11
 Operator : JC\MD
 Sample : VN0921WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 06:56:53 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	261636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	497427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	457295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	204310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	254172	57.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.520%			
35) Dibromofluoromethane	7.951	113	187897	56.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.720%			
50) Toluene-d8	10.380	98	698558	54.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.320%			
62) 4-Bromofluorobenzene	12.674	95	232386	53.095	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	48053	16.876	ug/l	83
3) Chloromethane	2.263	50	106475	22.374	ug/l	91
4) Vinyl Chloride	2.405	62	130022	25.368	ug/l	92
5) Bromomethane	2.781	94	105227	38.930	ug/l	92
6) Chloroethane	2.957	64	123611	35.307	ug/l	97
7) Trichlorofluoromethane	3.310	101	108119	19.102	ug/l	96
8) Diethyl Ether	3.757	74	58485	20.262	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	73190	20.901	ug/l	90
10) Methyl Iodide	4.340	142	82947	20.080	ug/l	99
11) Tert butyl alcohol	5.281	59	140846	97.396	ug/l	99
12) 1,1-Dichloroethene	4.104	96	67259	19.918	ug/l	90
13) Acrolein	3.981	56	40619	76.915	ug/l	100
14) Allyl chloride	4.751	41	157541	19.147	ug/l #	91
15) Acrylonitrile	5.469	53	361027	111.124	ug/l	99
16) Acetone	4.210	43	306018	107.726	ug/l	99
17) Carbon Disulfide	4.457	76	161150	17.055	ug/l	100
18) Methyl Acetate	4.763	43	200593	22.735	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	302489	20.828	ug/l	99
20) Methylene Chloride	4.998	84	99930	23.058	ug/l #	74
21) trans-1,2-Dichloroethene	5.504	96	73086	19.573	ug/l	90
22) Diisopropyl ether	6.404	45	369037	22.336	ug/l #	86
23) Vinyl Acetate	6.345	43	1650674	113.272	ug/l #	89
24) 1,1-Dichloroethane	6.298	63	170882	20.691	ug/l	98
25) 2-Butanone	7.251	43	537922	114.053	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	129403	18.174	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	94930	19.595	ug/l	88
28) Bromochloromethane	7.581	49	52201	21.449	ug/l #	67
29) Tetrahydrofuran	7.604	42	351716	113.421	ug/l #	83
30) Chloroform	7.745	83	168168	22.061	ug/l	94
31) Cyclohexane	8.016	56	150498	19.100	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	134856	20.171	ug/l	95
36) 1,1-Dichloropropene	8.145	75	105675	18.068	ug/l	97
37) Ethyl Acetate	7.328	43	209404	23.184	ug/l #	93
38) Carbon Tetrachloride	8.128	117	104939	19.433	ug/l	84
39) Methylcyclohexane	9.392	83	138092	19.856	ug/l	96
40) Benzene	8.386	78	377945	20.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	101043	23.139	ug/l #	82
42) 1,2-Dichloroethane	8.457	62	137375	22.134	ug/l	98
43) Isopropyl Acetate	8.492	43	328957	23.251	ug/l #	88
44) Trichloroethene	9.151	130	78729	20.117	ug/l	76
45) 1,2-Dichloropropane	9.428	63	109278	21.985	ug/l	91
46) Dibromomethane	9.510	93	69228	22.238	ug/l #	81
47) Bromodichloromethane	9.698	83	132906	21.776	ug/l #	96
48) Methyl methacrylate	9.498	41	134762	21.481	ug/l #	82
49) 1,4-Dioxane	9.504	88	52282	433.471	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1113930	120.566	ug/l #	86
52) Toluene	10.445	92	238710	22.508	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	141808	19.936	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	154665	20.318	ug/l #	83
55) 1,1,2-Trichloroethane	10.839	97	99317	22.108	ug/l	93
56) Ethyl methacrylate	10.704	69	173454	21.615	ug/l #	76
57) 1,3-Dichloropropane	10.986	76	175470	22.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	345720	97.894	ug/l #	86
59) 2-Hexanone	11.028	43	854174	121.107	ug/l	85
60) Dibromochloromethane	11.175	129	94799	22.043	ug/l	100
61) 1,2-Dibromoethane	11.286	107	95707	21.930	ug/l	97
64) Tetrachloroethene	10.916	164	63813	20.334	ug/l #	86
65) Chlorobenzene	11.710	112	231826	20.194	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	84677	20.301	ug/l	95
67) Ethyl Benzene	11.786	91	431954	20.494	ug/l	97
68) m/p-Xylenes	11.892	106	324401	41.628	ug/l	97
69) o-Xylene	12.222	106	165768	20.863	ug/l	97
70) Styrene	12.233	104	271454	20.538	ug/l	99
71) Bromoform	12.398	173	67274	21.945	ug/l #	96
73) Isopropylbenzene	12.522	105	425712	20.350	ug/l	96
74) N-amyl acetate	12.327	43	266808	20.398	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	173891	20.742	ug/l	97
76) 1,2,3-Trichloropropane	12.822	75	144097m	22.913	ug/l	
77) Bromobenzene	12.798	156	88461	19.795	ug/l	72
78) n-propylbenzene	12.863	91	504320	20.241	ug/l	93
79) 2-Chlorotoluene	12.945	91	299720	20.151	ug/l	94
80) 1,3,5-Trimethylbenzene	13.004	105	340970	19.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	53561	18.382	ug/l	97
82) 4-Chlorotoluene	13.045	91	283751	20.071	ug/l	95
83) tert-Butylbenzene	13.269	119	294246	18.959	ug/l	93
84) 1,2,4-Trimethylbenzene	13.310	105	350586	20.428	ug/l	98
85) sec-Butylbenzene	13.439	105	421325	19.771	ug/l	96
86) p-Isopropyltoluene	13.557	119	335626	20.202	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	161440	19.659	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	165655	20.071	ug/l	98
89) n-Butylbenzene	13.886	91	285695	19.079	ug/l	97
90) Hexachloroethane	14.151	117	62824	17.380	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	165430	19.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	31486	17.009	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	75415	18.581	ug/l	95
94) Hexachlorobutadiene	15.304	225	33810	18.954	ug/l	95
95) Naphthalene	15.439	128	323560	19.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	80607	19.989	ug/l	97

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

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