

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074381.D
 Acq On : 09 Sep 2022 18:31
 Operator : JC\MD
 Sample : VN0909WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Quant Time: Sep 10 06:22:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	308695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	557934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	508392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	230451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	266658	49.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	7.951	113	196770	52.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.480%		
50) Toluene-d8	10.380	98	726280	49.486	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	12.674	95	257446	48.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	72490	18.120	ug/l	99
3) Chloromethane	2.263	50	99135	19.829	ug/l	92
4) Vinyl Chloride	2.404	62	128271	19.192	ug/l	97
5) Bromomethane	2.781	94	99436	21.291	ug/l	96
6) Chloroethane	2.946	64	84831m	17.715	ug/l	
7) Trichlorofluoromethane	3.304	101	119927	18.173	ug/l	98
8) Diethyl Ether	3.763	74	51978	18.666	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.134	101	70573	17.846	ug/l	99
10) Methyl Iodide	4.345	142	83393	18.242	ug/l	98
11) Tert butyl alcohol	5.287	59	142591	102.071	ug/l	99
12) 1,1-Dichloroethene	4.104	96	69427	18.042	ug/l	94
13) Acrolein	3.981	56	91867	99.000	ug/l	98
14) Allyl chloride	4.751	41	151008	17.890	ug/l	97
15) Acrylonitrile	5.475	53	308675	96.580	ug/l	100
16) Acetone	4.222	43	268027	92.955	ug/l	90
17) Carbon Disulfide	4.451	76	189008	18.072	ug/l #	91
18) Methyl Acetate	4.769	43	155011	18.237	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	279875	18.070	ug/l	99
20) Methylene Chloride	5.004	84	86587	19.550	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	75203	17.440	ug/l	92
22) Diisopropyl ether	6.410	45	305756	17.991	ug/l	95
23) Vinyl Acetate	6.345	43	1413081	93.165	ug/l	97
24) 1,1-Dichloroethane	6.304	63	156338	17.903	ug/l	98
25) 2-Butanone	7.257	43	462153	95.483	ug/l	96
26) 2,2-Dichloropropane	7.245	77	135995	17.214	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	93871	17.670	ug/l	99
28) Bromochloromethane	7.581	49	49529	18.356	ug/l	96
29) Tetrahydrofuran	7.610	42	307717	96.175	ug/l	98
30) Chloroform	7.745	83	161195	18.492	ug/l	98
31) Cyclohexane	8.016	56	152116	17.908	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	139822	17.880	ug/l	99
36) 1,1-Dichloropropene	8.145	75	113535	18.297	ug/l	99
37) Ethyl Acetate	7.333	43	177582	19.728	ug/l	97
38) Carbon Tetrachloride	8.139	117	118208	18.452	ug/l	91
39) Methylcyclohexane	9.392	83	140827	17.906	ug/l	98
40) Benzene	8.392	78	365666	19.247	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	90941	20.361	ug/l	95
42) 1,2-Dichloroethane	8.463	62	136243	18.758	ug/l	99
43) Isopropyl Acetate	8.492	43	274842	18.670	ug/l	99
44) Trichloroethene	9.151	130	77660	18.233	ug/l	93
45) 1,2-Dichloropropane	9.427	63	96618	19.157	ug/l	97
46) Dibromomethane	9.510	93	64990	18.820	ug/l	97
47) Bromodichloromethane	9.698	83	129093	18.755	ug/l	98
48) Methyl methacrylate	9.498	41	125608	19.361	ug/l	96
49) 1,4-Dioxane	9.504	88	53367	390.345	ug/l	97
51) 4-Methyl-2-Pentanone	10.274	43	938315	97.467	ug/l	99
52) Toluene	10.445	92	224832	19.135	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	145513	19.163	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	150287	18.566	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	90453	18.676	ug/l	95
56) Ethyl methacrylate	10.704	69	159606	19.395	ug/l	96
57) 1,3-Dichloropropane	10.986	76	162761	19.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	310193	81.031	ug/l	99
59) 2-Hexanone	11.027	43	744619	100.230	ug/l	97
60) Dibromochloromethane	11.174	129	93395	19.047	ug/l	99
61) 1,2-Dibromoethane	11.286	107	94893	19.045	ug/l	97
64) Tetrachloroethene	10.921	164	63605	18.455	ug/l #	88
65) Chlorobenzene	11.710	112	224316	18.298	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.786	131	89380	18.665	ug/l	95
67) Ethyl Benzene	11.786	91	433811	18.736	ug/l	99
68) m/p-Xylenes	11.892	106	323848	37.205	ug/l	100
69) o-Xylene	12.221	106	161092	18.412	ug/l	94
70) Styrene	12.233	104	271189	19.495	ug/l	98
71) Bromoform	12.398	173	66247	18.470	ug/l #	95
73) Isopropylbenzene	12.521	105	421011	19.015	ug/l	98
74) N-amyl acetate	12.333	43	240087	20.428	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	160735	19.317	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	128984m	21.410	ug/l	
77) Bromobenzene	12.804	156	93867	19.748	ug/l	97
78) n-propylbenzene	12.863	91	489762	19.309	ug/l	99
79) 2-Chlorotoluene	12.951	91	296962	19.203	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	354686	19.309	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	50846	18.813	ug/l	92
82) 4-Chlorotoluene	13.045	91	279894	18.758	ug/l	100
83) tert-Butylbenzene	13.268	119	312544	18.899	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	347149	19.067	ug/l	97
85) sec-Butylbenzene	13.445	105	433124	19.245	ug/l	99
86) p-Isopropyltoluene	13.557	119	342638	19.021	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	166599	18.958	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	169392	19.081	ug/l	100
89) n-Butylbenzene	13.886	91	299917	19.565	ug/l	98
90) Hexachloroethane	14.151	117	70387	18.496	ug/l	98
91) 1,2-Dichlorobenzene	13.933	146	173142	18.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36986	18.706	ug/l	95
93) 1,2,4-Trichlorobenzene	15.204	180	85421	18.548	ug/l	98
94) Hexachlorobutadiene	15.304	225	37281	17.861	ug/l	95
95) Naphthalene	15.439	128	357089	19.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	89977	18.880	ug/l	98

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

