

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074462.D
 Acq On : 15 Sep 2022 15:21
 Operator : JC\MD
 Sample : VN0915WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Quant Time: Sep 15 19:22:36 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	428862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	806345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	725840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	311521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	337871	46.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.860%		
35) Dibromofluoromethane	7.951	113	264181	49.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.381	98	1010079	48.760	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.520%		
62) 4-Bromofluorobenzene	12.675	95	353078	49.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	82027	17.574	ug/l	98
3) Chloromethane	2.263	50	151554	19.463	ug/l	91
4) Vinyl Chloride	2.405	62	150261	17.885	ug/l	90
5) Bromomethane	2.787	94	100003	22.571	ug/l	99
6) Chloroethane	2.952	64	124415	21.680	ug/l	97
7) Trichlorofluoromethane	3.310	101	165683	17.858	ug/l	98
8) Diethyl Ether	3.763	74	84884	17.941	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.134	101	106176	18.498	ug/l	90
10) Methyl Iodide	4.352	142	127930	18.893	ug/l	96
11) Tert butyl alcohol	5.275	59	206210	86.993	ug/l	100
12) 1,1-Dichloroethene	4.110	96	106229	19.217	ug/l	90
13) Acrolein	3.969	56	69496	80.282	ug/l	96
14) Allyl chloride	4.757	41	239823	17.782	ug/l	96
15) Acrylonitrile	5.463	53	493611	92.690	ug/l	100
16) Acetone	4.216	43	458297	98.424	ug/l	97
17) Carbon Disulfide	4.452	76	273251	17.642	ug/l	98
18) Methyl Acetate	4.763	43	256691	17.749	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	440310	18.496	ug/l	98
20) Methylene Chloride	5.004	84	135959	19.144	ug/l	86
21) trans-1,2-Dichloroethene	5.504	96	114415	18.713	ug/l	96
22) Diisopropyl ether	6.404	45	512303	18.916	ug/l #	92
23) Vinyl Acetate	6.346	43	2279009	95.408	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	250994	18.541	ug/l	97
25) 2-Butanone	7.257	43	746648	96.579	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	215785	18.488	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	143991	18.133	ug/l	92
28) Bromochloromethane	7.575	49	78084	19.571	ug/l #	70
29) Tetrahydrofuran	7.610	42	487235	95.856	ug/l #	84
30) Chloroform	7.745	83	233092	18.655	ug/l	97
31) Cyclohexane	8.022	56	237036	18.352	ug/l	90
32) 1,1,1-Trichloroethane	7.940	97	196484	17.929	ug/l	94
36) 1,1-Dichloropropene	8.145	75	171120	18.049	ug/l	95
37) Ethyl Acetate	7.334	43	292241	19.959	ug/l	94
38) Carbon Tetrachloride	8.134	117	160179	18.299	ug/l	96
39) Methylcyclohexane	9.392	83	221145	19.616	ug/l	93
40) Benzene	8.387	78	555066	18.933	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	114302	16.147	ug/l	95
42) 1,2-Dichloroethane	8.457	62	191349	19.019	ug/l	99
43) Isopropyl Acetate	8.492	43	445980	19.445	ug/l #	92
44) Trichloroethene	9.151	130	119368	18.816	ug/l	100
45) 1,2-Dichloropropane	9.422	63	148815	18.470	ug/l #	87
46) Dibromomethane	9.516	93	93691	18.566	ug/l #	82
47) Bromodichloromethane	9.698	83	186698	18.871	ug/l	97
48) Methyl methacrylate	9.492	41	182768	17.972	ug/l	90
49) 1,4-Dioxane	9.504	88	73324	375.027	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1464146	97.760	ug/l	90
52) Toluene	10.445	92	335413	19.510	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	220075	19.086	ug/l	94
54) cis-1,3-Dichloropropene	10.128	75	236569	19.172	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	136464	18.739	ug/l	94
56) Ethyl methacrylate	10.698	69	249323	19.167	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	238758	18.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	481173	84.051	ug/l	89
59) 2-Hexanone	11.028	43	1131621	98.976	ug/l	90
60) Dibromochloromethane	11.180	129	130543	18.726	ug/l	99
61) 1,2-Dibromoethane	11.286	107	131136	18.537	ug/l	98
64) Tetrachloroethene	10.916	164	91185	18.306	ug/l	94
65) Chlorobenzene	11.710	112	337757	18.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	123370	18.634	ug/l	98
67) Ethyl Benzene	11.786	91	645559	19.296	ug/l	98
68) m/p-Xylenes	11.892	106	483749	39.109	ug/l	97
69) o-Xylene	12.222	106	235613	18.682	ug/l	93
70) Styrene	12.233	104	394807	18.819	ug/l	99
71) Bromoform	12.398	173	89110	18.313	ug/l #	97
73) Isopropylbenzene	12.522	105	620951	19.467	ug/l	98
74) N-amyl acetate	12.327	43	381976	19.153	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	231771	18.132	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	179227m	18.691	ug/l	
77) Bromobenzene	12.798	156	126882	18.621	ug/l	74
78) n-propylbenzene	12.863	91	736680	19.391	ug/l	93
79) 2-Chlorotoluene	12.945	91	436107	19.230	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	506327	19.473	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	81912	18.437	ug/l	94
82) 4-Chlorotoluene	13.045	91	415106	19.257	ug/l	96
83) tert-Butylbenzene	13.263	119	437868	18.503	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	500832	19.140	ug/l	99
85) sec-Butylbenzene	13.445	105	619475	19.065	ug/l	98
86) p-Isopropyltoluene	13.557	119	482586	19.051	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	235271	18.790	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	229765	18.258	ug/l	95
89) n-Butylbenzene	13.886	91	455490	19.949	ug/l	93
90) Hexachloroethane	14.151	117	101531	18.421	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	239739	18.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	51049	18.086	ug/l	78
93) 1,2,4-Trichlorobenzene	15.198	180	116388	18.807	ug/l	99
94) Hexachlorobutadiene	15.304	225	49645	18.253	ug/l	100
95) Naphthalene	15.439	128	476349	18.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	115708	18.897	ug/l	98

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

