

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074480.D
 Acq On : 15 Sep 2022 23:38
 Operator : JC\MD
 Sample : VN0915WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS02

Quant Time: Sep 16 01:48:02 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	327340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	626823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	544457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	226569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	284462	51.216	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	7.951	113	219662	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.380	98	842996	52.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.674	95	277184	50.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60557	16.998	ug/l	94
3) Chloromethane	2.263	50	123089	20.694	ug/l	96
4) Vinyl Chloride	2.404	62	134420	20.962	ug/l	99
5) Bromomethane	2.793	94	83289	24.629	ug/l	96
6) Chloroethane	2.963	64	99985	22.826	ug/l	94
7) Trichlorofluoromethane	3.316	101	123031	17.374	ug/l	94
8) Diethyl Ether	3.763	74	63327	17.536	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.134	101	75052	17.131	ug/l	87
10) Methyl Iodide	4.340	142	95245	18.429	ug/l	95
11) Tert butyl alcohol	5.287	59	176097	97.330	ug/l	98
12) 1,1-Dichloroethene	4.116	96	79904	18.948	ug/l	97
13) Acrolein	3.975	56	60706	91.878	ug/l	96
14) Allyl chloride	4.757	41	186948	18.160	ug/l #	95
15) Acrylonitrile	5.475	53	402150	98.936	ug/l	97
16) Acetone	4.216	43	338880	95.350	ug/l	97
17) Carbon Disulfide	4.451	76	202366	17.118	ug/l #	94
18) Methyl Acetate	4.775	43	209836	19.009	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	332238	18.285	ug/l	95
20) Methylene Chloride	5.010	84	103970	19.180	ug/l #	76
21) trans-1,2-Dichloroethene	5.516	96	87737	18.798	ug/l	98
22) Diisopropyl ether	6.404	45	401306	19.413	ug/l #	91
23) Vinyl Acetate	6.345	43	1790411	98.200	ug/l #	90
24) 1,1-Dichloroethane	6.310	63	191933	18.575	ug/l	98
25) 2-Butanone	7.257	43	596681	101.118	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	122532	13.755	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	106047	17.496	ug/l	90
28) Bromochloromethane	7.581	49	58535	19.221	ug/l #	65
29) Tetrahydrofuran	7.604	42	393497	101.424	ug/l #	85
30) Chloroform	7.745	83	177084	18.568	ug/l	95
31) Cyclohexane	8.022	56	184009	18.665	ug/l	92
32) 1,1,1-Trichloroethane	7.945	97	146579	17.524	ug/l	95
36) 1,1-Dichloropropene	8.151	75	129508	17.572	ug/l	95
37) Ethyl Acetate	7.334	43	221170	19.431	ug/l #	94
38) Carbon Tetrachloride	8.128	117	120703	17.738	ug/l	98
39) Methylcyclohexane	9.398	83	159146	18.159	ug/l	91
40) Benzene	8.386	78	425951	18.690	ug/l	96

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41) Methacrylonitrile	7.563	41	113844	20.688	ug/l #	80
42) 1,2-Dichloroethane	8.463	62	147121	18.811	ug/l	98
43) Isopropyl Acetate	8.492	43	354257	19.870	ug/l #	92
44) Trichloroethene	9.151	130	86033	17.445	ug/l	94
45) 1,2-Dichloropropane	9.428	63	119758	19.120	ug/l	99
46) Dibromomethane	9.516	93	69313	17.669	ug/l #	84
47) Bromodichloromethane	9.698	83	146433	19.040	ug/l	99
48) Methyl methacrylate	9.498	41	149895	18.961	ug/l	86
49) 1,4-Dioxane	9.504	88	61028	401.533	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1194350	102.585	ug/l	89
52) Toluene	10.445	92	251093	18.788	ug/l	95
53) t-1,3-Dichloropropene	10.657	75	161370	18.003	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	169904	17.713	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	108722	19.206	ug/l	95
56) Ethyl methacrylate	10.704	69	191458	18.934	ug/l #	80
57) 1,3-Dichloropropane	10.986	76	186980	18.839	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	376193	84.533	ug/l #	89
59) 2-Hexanone	11.027	43	917141	103.191	ug/l	88
60) Dibromochloromethane	11.180	129	99666	18.391	ug/l	99
61) 1,2-Dibromoethane	11.286	107	101675	18.488	ug/l	100
64) Tetrachloroethene	10.916	164	63048	16.874	ug/l	94
65) Chlorobenzene	11.710	112	259893	19.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	92698	18.666	ug/l	98
67) Ethyl Benzene	11.786	91	474153	18.895	ug/l	98
68) m/p-Xylenes	11.892	106	354957	38.257	ug/l	95
69) o-Xylene	12.222	106	180351	19.064	ug/l	96
70) Styrene	12.233	104	285304	18.130	ug/l	97
71) Bromoform	12.398	173	64997	17.808	ug/l	97
73) Isopropylbenzene	12.521	105	449012	19.355	ug/l	100
74) N-amyl acetate	12.333	43	295399	20.365	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	181975	19.574	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	141625m	20.308	ug/l	
77) Bromobenzene	12.804	156	91473	18.458	ug/l	71
78) n-propylbenzene	12.863	91	534131	19.331	ug/l	94
79) 2-Chlorotoluene	12.945	91	312603	18.952	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	369490	19.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	59453	18.400	ug/l	95
82) 4-Chlorotoluene	13.045	91	294740	18.800	ug/l	98
83) tert-Butylbenzene	13.268	119	329497	19.144	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	365583	19.209	ug/l	99
85) sec-Butylbenzene	13.445	105	459949	19.463	ug/l	96
86) p-Isopropyltoluene	13.557	119	352501	19.133	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	173052	19.003	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	163718	17.888	ug/l	95
89) n-Butylbenzene	13.886	91	303331	18.266	ug/l	96
90) Hexachloroethane	14.151	117	76585	19.105	ug/l	72
91) 1,2-Dichlorobenzene	13.927	146	175987	18.628	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	37471	18.253	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	81795	18.173	ug/l	94
94) Hexachlorobutadiene	15.304	225	34372	17.376	ug/l	96
95) Naphthalene	15.439	128	338638	18.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	81115	18.263	ug/l	97

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

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