

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074605.D
 Acq On : 21 Sep 2022 11:37
 Operator : JC\MD
 Sample : VN0921WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Quant Time: Sep 22 06:56:32 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 09/22/2022
 Supervised By : Mahesh Dadoda 09/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	275511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	508549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	458174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	202175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	236598	50.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.220%			
35) Dibromofluoromethane	7.945	113	189761	56.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.340%			
50) Toluene-d8	10.380	98	704692	53.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.880%			
62) 4-Bromofluorobenzene	12.674	95	233138	52.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	48596	16.207	ug/l	86
3) Chloromethane	2.263	50	108388	21.638	ug/l	99
4) Vinyl Chloride	2.410	62	132377	24.527	ug/l	94
5) Bromomethane	2.787	94	106993	37.590	ug/l	89
6) Chloroethane	2.951	64	115917	31.442	ug/l	93
7) Trichlorofluoromethane	3.316	101	112520	18.878	ug/l	92
8) Diethyl Ether	3.757	74	57372	18.876	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.140	101	72223	19.586	ug/l #	89
10) Methyl Iodide	4.345	142	83422	19.178	ug/l #	94
11) Tert butyl alcohol	5.281	59	131392	86.283	ug/l	99
12) 1,1-Dichloroethene	4.104	96	66405	18.718	ug/l	93
13) Acrolein	3.981	56	39066	70.249	ug/l	96
14) Allyl chloride	4.745	41	169151	19.523	ug/l #	93
15) Acrylonitrile	5.469	53	349845	102.259	ug/l	98
16) Acetone	4.216	43	288715	96.517	ug/l	91
17) Carbon Disulfide	4.445	76	166763	16.760	ug/l	98
18) Methyl Acetate	4.769	43	196582	21.158	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	295685	19.335	ug/l	94
20) Methylene Chloride	4.998	84	94006	20.602	ug/l #	70
21) trans-1,2-Dichloroethene	5.510	96	76292	19.407	ug/l #	89
22) Diisopropyl ether	6.404	45	368098	21.157	ug/l #	92
23) Vinyl Acetate	6.345	43	1650543	107.559	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	173248	19.921	ug/l	97
25) 2-Butanone	7.251	43	533372	107.393	ug/l #	84
26) 2,2-Dichloropropane	7.245	77	134172	17.895	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	95289	18.679	ug/l	87
28) Bromochloromethane	7.575	49	51189	19.972	ug/l #	67
29) Tetrahydrofuran	7.604	42	341461	104.568	ug/l #	85
30) Chloroform	7.739	83	165034	20.560	ug/l	99
31) Cyclohexane	8.016	56	152559	18.386	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	129562	18.403	ug/l #	92
36) 1,1-Dichloropropene	8.151	75	117958	19.727	ug/l	91
37) Ethyl Acetate	7.334	43	205174	22.218	ug/l #	95
38) Carbon Tetrachloride	8.139	117	110534	20.021	ug/l	87
39) Methylcyclohexane	9.392	83	134880	18.970	ug/l	92
40) Benzene	8.386	78	386892	20.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	108736	24.356	ug/l #	80
42) 1,2-Dichloroethane	8.463	62	140355	22.120	ug/l	98
43) Isopropyl Acetate	8.492	43	325287	22.488	ug/l #	87
44) Trichloroethene	9.151	130	80443	20.106	ug/l	98
45) 1,2-Dichloropropane	9.422	63	108478	21.347	ug/l	99
46) Dibromomethane	9.510	93	69212	21.747	ug/l #	82
47) Bromodichloromethane	9.698	83	131829	21.127	ug/l	92
48) Methyl methacrylate	9.492	41	138279	21.560	ug/l #	82
49) 1,4-Dioxane	9.504	88	51189	415.127	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	1099166	116.366	ug/l	87
52) Toluene	10.445	92	238628	22.008	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	146148	20.097	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	158547	20.373	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	100863	21.961	ug/l	94
56) Ethyl methacrylate	10.698	69	168288	20.513	ug/l #	72
57) 1,3-Dichloropropane	10.986	76	173381	21.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	347514	96.250	ug/l #	86
59) 2-Hexanone	11.022	43	834972	115.795	ug/l	85
60) Dibromochloromethane	11.174	129	90073	20.486	ug/l	98
61) 1,2-Dibromoethane	11.286	107	99877	22.385	ug/l	93
64) Tetrachloroethene	10.910	164	63338	20.144	ug/l	94
65) Chlorobenzene	11.710	112	237522	20.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	85144	20.374	ug/l	96
67) Ethyl Benzene	11.786	91	449087	21.266	ug/l	98
68) m/p-Xylenes	11.898	106	323259	41.401	ug/l	92
69) o-Xylene	12.221	106	169053	21.235	ug/l	97
70) Styrene	12.233	104	266278	20.108	ug/l	97
71) Bromoform	12.398	173	62573	20.372	ug/l #	99
73) Isopropylbenzene	12.521	105	433916	20.961	ug/l	100
74) N-amyl acetate	12.333	43	266738	20.608	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.768	83	173227	20.881	ug/l	95
76) 1,2,3-Trichloropropane	12.827	75	123972m	19.921	ug/l	
77) Bromobenzene	12.804	156	90812	20.536	ug/l	80
78) n-propylbenzene	12.863	91	518605	21.034	ug/l	93
79) 2-Chlorotoluene	12.945	91	293410	19.935	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	348362	20.643	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	49171	17.054	ug/l	88
82) 4-Chlorotoluene	13.045	91	285263	20.391	ug/l	97
83) tert-Butylbenzene	13.263	119	311686	20.295	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	357196	21.033	ug/l	97
85) sec-Butylbenzene	13.445	105	449280	21.305	ug/l	96
86) p-Isopropyltoluene	13.557	119	351651	21.390	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	165839	20.408	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	166701	20.411	ug/l	97
89) n-Butylbenzene	13.886	91	306656	20.695	ug/l	96
90) Hexachloroethane	14.157	117	69050	19.304	ug/l	76
91) 1,2-Dichlorobenzene	13.927	146	175550	20.824	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	28993	15.827	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	79255	19.733	ug/l	98
94) Hexachlorobutadiene	15.304	225	33931	19.223	ug/l	98
95) Naphthalene	15.439	128	311744	19.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	81248	20.336	ug/l	96

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

