

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074410.D
 Acq On : 12 Sep 2022 13:36
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 13 05:54:00 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	250165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	456311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	414155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	192782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228528	52.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.600%			
35) Dibromofluoromethane	7.951	113	168132	54.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	10.381	98	625921	52.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.675	95	220504	50.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	65643	20.248	ug/l	97
3) Chloromethane	2.263	50	87254	21.662	ug/l	100
4) Vinyl Chloride	2.405	62	130504	24.095	ug/l	98
5) Bromomethane	2.787	94	93359	24.667	ug/l	88
6) Chloroethane	2.958	64	87290m	23.772	ug/l	
7) Trichlorofluoromethane	3.316	101	114031	21.322	ug/l	99
8) Diethyl Ether	3.763	74	46485	20.600	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	66183	20.651	ug/l	98
10) Methyl Iodide	4.352	142	77262	20.855	ug/l	96
11) Tert butyl alcohol	5.293	59	122140	107.887	ug/l	97
12) 1,1-Dichloroethene	4.110	96	60929	19.538	ug/l	85
13) Acrolein	3.975	56	67087	89.210	ug/l	94
14) Allyl chloride	4.757	41	134901	19.721	ug/l	97
15) Acrylonitrile	5.469	53	278594	107.562	ug/l	100
16) Acetone	4.222	43	252837	108.203	ug/l	100
17) Carbon Disulfide	4.457	76	175084	20.658	ug/l	97
18) Methyl Acetate	4.775	43	149215	21.662	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	252324	20.103	ug/l	97
20) Methylene Chloride	5.004	84	78837	22.157	ug/l	90
21) trans-1,2-Dichloroethene	5.510	96	69792	19.972	ug/l	95
22) Diisopropyl ether	6.410	45	280198	20.344	ug/l	98
23) Vinyl Acetate	6.351	43	1285623	104.593	ug/l	98
24) 1,1-Dichloroethane	6.304	63	140756	19.889	ug/l	96
25) 2-Butanone	7.257	43	423745	108.031	ug/l	96
26) 2,2-Dichloropropane	7.257	77	117837	18.406	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	82608	19.188	ug/l	100
28) Bromochloromethane	7.581	49	44403	20.402	ug/l	97
29) Tetrahydrofuran	7.610	42	280289	108.099	ug/l	99
30) Chloroform	7.745	83	147457	20.874	ug/l	98
31) Cyclohexane	8.028	56	135042	19.618	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	131106	20.688	ug/l	99
36) 1,1-Dichloropropene	8.145	75	105227	20.734	ug/l	98
37) Ethyl Acetate	7.340	43	163078	22.152	ug/l	98
38) Carbon Tetrachloride	8.134	117	111574	21.295	ug/l	93
39) Methylcyclohexane	9.392	83	125831	19.563	ug/l	98
40) Benzene	8.392	78	323334	20.809	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	75803	20.751	ug/l #	89
42) 1,2-Dichloroethane	8.469	62	128283	21.595	ug/l	97
43) Isopropyl Acetate	8.498	43	252106	20.940	ug/l	99
44) Trichloroethene	9.151	130	72571	20.832	ug/l	88
45) 1,2-Dichloropropane	9.428	63	84466	20.477	ug/l	96
46) Dibromomethane	9.516	93	61547	21.792	ug/l	98
47) Bromodichloromethane	9.704	83	120697	21.440	ug/l #	95
48) Methyl methacrylate	9.498	41	108090	20.371	ug/l	96
49) 1,4-Dioxane	9.504	88	48613	434.761	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	872514	110.817	ug/l	99
52) Toluene	10.445	92	207008	21.542	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	125924	20.277	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	130848	19.764	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	79749	20.133	ug/l	93
56) Ethyl methacrylate	10.704	69	142583	21.185	ug/l	93
57) 1,3-Dichloropropane	10.986	76	146634	21.179	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.981	63	290415	92.760	ug/l	99
59) 2-Hexanone	11.028	43	698794	115.010	ug/l	96
60) Dibromochloromethane	11.181	129	87105	21.720	ug/l	100
61) 1,2-Dibromoethane	11.286	107	83800	20.564	ug/l	97
64) Tetrachloroethene	10.916	164	57584	20.510	ug/l	93
65) Chlorobenzene	11.710	112	208742	20.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	77467	19.859	ug/l	95
67) Ethyl Benzene	11.786	91	396528	21.022	ug/l	98
68) m/p-Xylenes	11.898	106	290010	40.899	ug/l	100
69) o-Xylene	12.222	106	151794	21.296	ug/l	99
70) Styrene	12.239	104	243721	21.507	ug/l	99
71) Bromoform	12.398	173	62548	21.407	ug/l #	99
73) Isopropylbenzene	12.522	105	388288	20.964	ug/l	100
74) N-amyl acetate	12.333	43	220104	22.534	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.769	83	151455	21.759	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	111890m	22.202	ug/l	
77) Bromobenzene	12.798	156	84064	21.142	ug/l	97
78) n-propylbenzene	12.863	91	456993	21.537	ug/l	97
79) 2-Chlorotoluene	12.951	91	264993	20.484	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	319581	20.797	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	43986	19.454	ug/l	87
82) 4-Chlorotoluene	13.045	91	254228	20.367	ug/l	98
83) tert-Butylbenzene	13.269	119	284332	20.552	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	317476	20.845	ug/l	96
85) sec-Butylbenzene	13.445	105	397699	21.124	ug/l	100
86) p-Isopropyltoluene	13.557	119	311249	20.654	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	155415	21.141	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	148464	19.991	ug/l	99
89) n-Butylbenzene	13.886	91	264434	20.621	ug/l	99
90) Hexachloroethane	14.151	117	63909	20.075	ug/l	100
91) 1,2-Dichlorobenzene	13.933	146	155887	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36673	22.475	ug/l	98
93) 1,2,4-Trichlorobenzene	15.198	180	79729	20.695	ug/l	99
94) Hexachlorobutadiene	15.304	225	34966	20.025	ug/l	97
95) Naphthalene	15.439	128	313665	20.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	79775	20.010	ug/l	98

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

