

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075708.D
 Acq On : 12 Dec 2022 13:08
 Operator : JC\MD
 Sample : VN1212WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Quant Time: Dec 13 01:32:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	220814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	317335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114961	49.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.140%		
35) Dibromofluoromethane	8.171	113	105366	49.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	10.571	98	408135	50.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.853	95	135242	49.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	29868	18.391	ug/l	99
3) Chloromethane	2.371	50	35023	18.100	ug/l	98
4) Vinyl Chloride	2.524	62	43924	18.480	ug/l	97
5) Bromomethane	2.959	94	36596	18.078	ug/l	86
6) Chloroethane	3.130	64	37353	21.063	ug/l	99
7) Trichlorofluoromethane	3.512	101	66309	19.228	ug/l	100
8) Diethyl Ether	3.971	74	23762	18.848	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	38669	19.107	ug/l	99
10) Methyl Iodide	4.600	142	61846	18.700	ug/l	99
11) Tert butyl alcohol	5.536	59	30368	87.616	ug/l	100
12) 1,1-Dichloroethene	4.353	96	36519	19.305	ug/l	98
13) Acrolein	4.195	56	47169	118.163	ug/l	100
14) Allyl chloride	5.042	41	41524	17.627	ug/l	98
15) Acrylonitrile	5.730	53	85866	95.909	ug/l	100
16) Acetone	4.442	43	84758	106.824	ug/l	92
17) Carbon Disulfide	4.724	76	92069	18.394	ug/l	99
18) Methyl Acetate	5.042	43	45673	17.914	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	121923	19.160	ug/l	100
20) Methylene Chloride	5.283	84	43284	18.299	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	39951	18.899	ug/l	90
22) Diisopropyl ether	6.683	45	106747	19.916	ug/l	96
23) Vinyl Acetate	6.612	43	399317m	97.703	ug/l	
24) 1,1-Dichloroethane	6.577	63	69288	19.639	ug/l	97
25) 2-Butanone	7.494	43	114074	98.349	ug/l	94
26) 2,2-Dichloropropane	7.494	77	59429	19.750	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	47629	18.559	ug/l	97
28) Bromochloromethane	7.818	49	26236	18.599	ug/l	98
29) Tetrahydrofuran	7.847	42	70557	98.692	ug/l	99
30) Chloroform	7.971	83	75912	19.425	ug/l	97
31) Cyclohexane	8.265	56	66448	19.156	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	70231	19.480	ug/l	94
36) 1,1-Dichloropropene	8.383	75	55704	19.548	ug/l	98
37) Ethyl Acetate	7.565	43	45740	19.992	ug/l	99
38) Carbon Tetrachloride	8.365	117	64246	19.537	ug/l	98
39) Methylcyclohexane	9.606	83	72502	20.064	ug/l	97
40) Benzene	8.612	78	171707	19.634	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23242	19.811	ug/l	95
42) 1,2-Dichloroethane	8.677	62	56590	19.344	ug/l	99
43) Isopropyl Acetate	8.694	43	73543	19.254	ug/l	100
44) Trichloroethene	9.353	130	48398	19.617	ug/l	97
45) 1,2-Dichloropropane	9.624	63	39178	18.836	ug/l	93
46) Dibromomethane	9.712	93	30584	19.585	ug/l	99
47) Bromodichloromethane	9.888	83	60007	19.599	ug/l	97
48) Methyl methacrylate	9.682	41	32908	18.706	ug/l	96
49) 1,4-Dioxane	9.700	88	16181	378.387	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	228261	96.916	ug/l	100
52) Toluene	10.635	92	114815	19.863	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60006	19.844	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	65240	19.392	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	45076	19.833	ug/l	98
56) Ethyl methacrylate	10.876	69	59752	19.402	ug/l	99
57) 1,3-Dichloropropane	11.165	76	72839	19.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	85471	93.999	ug/l	97
59) 2-Hexanone	11.200	43	169814	99.241	ug/l	99
60) Dibromochloromethane	11.365	129	49790	19.908	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44705	18.774	ug/l	99
64) Tetrachloroethene	11.106	164	43166	18.675	ug/l	95
65) Chlorobenzene	11.894	112	122936	18.829	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	44977	18.934	ug/l	96
67) Ethyl Benzene	11.965	91	215875	19.544	ug/l	99
68) m/p-Xylenes	12.076	106	176389	39.522	ug/l	100
69) o-Xylene	12.400	106	85584	19.761	ug/l	100
70) Styrene	12.412	104	139139	20.031	ug/l	99
71) Bromoform	12.582	173	35686	19.819	ug/l #	100
73) Isopropylbenzene	12.700	105	220919	19.826	ug/l	100
74) N-amyl acetate	12.494	43	61082	18.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	63255	18.898	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54062m	17.347	ug/l	
77) Bromobenzene	12.982	156	53797	19.198	ug/l	98
78) n-propylbenzene	13.041	91	249236	20.157	ug/l	99
79) 2-Chlorotoluene	13.129	91	147195	19.283	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	188309	20.214	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17035	19.538	ug/l	98
82) 4-Chlorotoluene	13.129	91	147195	19.283	ug/l	99
83) tert-Butylbenzene	13.441	119	166402	19.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	189657	20.256	ug/l	100
85) sec-Butylbenzene	13.617	105	231860	19.964	ug/l	99
86) p-Isopropyltoluene	13.735	119	197162	20.289	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	100769	19.229	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	100304	18.817	ug/l	99
89) n-Butylbenzene	14.059	91	154295	19.810	ug/l	99
90) Hexachloroethane	14.335	117	34043	20.452	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	99063	18.997	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10914	19.843	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48210	19.257	ug/l	98
94) Hexachlorobutadiene	15.506	225	27876	19.625	ug/l	99
95) Naphthalene	15.647	128	134739	18.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45892	18.655	ug/l	96

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

