

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076413.D
 Acq On : 26 Jan 2023 12:15
 Operator : JC\MD
 Sample : VN0126WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBS01

Quant Time: Jan 27 00:31:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/27/2023
 Supervised By : Semsettin Yesilyurt 01/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	365545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	604131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232797	56.878	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.760%			
35) Dibromofluoromethane	8.171	113	200402	53.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	10.571	98	735098	52.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.853	95	249998	54.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66615	17.783	ug/l	93
3) Chloromethane	2.377	50	77844	20.071	ug/l	96
4) Vinyl Chloride	2.530	62	108305	22.774	ug/l	96
5) Bromomethane	2.965	94	81444	20.912	ug/l	99
6) Chloroethane	3.130	64	77736	21.799	ug/l	97
7) Trichlorofluoromethane	3.512	101	138046	21.099	ug/l	92
8) Diethyl Ether	3.977	74	45098	20.550	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.389	101	71615	19.335	ug/l	98
10) Methyl Iodide	4.606	142	97879	17.301	ug/l	98
11) Tert butyl alcohol	5.542	59	50665	92.546	ug/l	97
12) 1,1-Dichloroethene	4.359	96	66761	19.068	ug/l	95
13) Acrolein	4.200	56	78719	120.235	ug/l	100
14) Allyl chloride	5.042	41	78753	19.301	ug/l	98
15) Acrylonitrile	5.736	53	152467	97.867	ug/l	98
16) Acetone	4.448	43	145419	110.790	ug/l	97
17) Carbon Disulfide	4.724	76	141910	16.278	ug/l	99
18) Methyl Acetate	5.042	43	88346	19.868	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	221424	19.426	ug/l	99
20) Methylene Chloride	5.289	84	75803	19.153	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	66672	17.577	ug/l	97
22) Diisopropyl ether	6.683	45	197819	20.559	ug/l	98
23) Vinyl Acetate	6.612	43	618540	99.465	ug/l	98
24) 1,1-Dichloroethane	6.577	63	125022	19.492	ug/l	97
25) 2-Butanone	7.494	43	196587	98.100	ug/l	97
26) 2,2-Dichloropropane	7.500	77	103279	19.105	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	83356	18.842	ug/l	98
28) Bromochloromethane	7.824	49	62969	24.222	ug/l	95
29) Tetrahydrofuran	7.847	42	127909	103.420	ug/l	95
30) Chloroform	7.971	83	141871	19.990	ug/l	95
31) Cyclohexane	8.265	56	114802	18.259	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	126722	19.557	ug/l	92
36) 1,1-Dichloropropene	8.377	75	96751	18.017	ug/l	99
37) Ethyl Acetate	7.571	43	81664	18.982	ug/l	98
38) Carbon Tetrachloride	8.365	117	111321	18.589	ug/l	100
39) Methylcyclohexane	9.606	83	115366	17.592	ug/l	97
40) Benzene	8.612	78	301661	18.787	ug/l	100

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41) Methacrylonitrile	7.788	41	44497	19.730	ug/l	94
42) 1,2-Dichloroethane	8.677	62	109670	19.962	ug/l	98
43) Isopropyl Acetate	8.694	43	134489	19.193	ug/l	99
44) Trichloroethene	9.353	130	79097	17.417	ug/l	97
45) 1,2-Dichloropropane	9.624	63	73791	19.194	ug/l	98
46) Dibromomethane	9.712	93	53466	18.420	ug/l	98
47) Bromodichloromethane	9.894	83	111083	19.732	ug/l	97
48) Methyl methacrylate	9.682	41	63263	19.071	ug/l	98
49) 1,4-Dioxane	9.700	88	27124	387.510	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	416066	101.149	ug/l	98
52) Toluene	10.635	92	198040	18.443	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	103216	19.233	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	115089	18.641	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	77924	18.985	ug/l	98
56) Ethyl methacrylate	10.877	69	107373	20.263	ug/l	98
57) 1,3-Dichloropropane	11.165	76	128347	19.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	144586	80.825	ug/l	98
59) 2-Hexanone	11.200	43	299363	100.431	ug/l	97
60) Dibromochloromethane	11.365	129	84618	19.584	ug/l	100
61) 1,2-Dibromoethane	11.471	107	77234	18.852	ug/l	99
64) Tetrachloroethene	11.106	164	81437	16.795	ug/l	95
65) Chlorobenzene	11.894	112	209295	18.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	80553	19.048	ug/l	99
67) Ethyl Benzene	11.965	91	370944	19.069	ug/l	100
68) m/p-Xylenes	12.071	106	291780	37.406	ug/l	99
69) o-Xylene	12.400	106	142647	18.622	ug/l	95
70) Styrene	12.412	104	231355	18.915	ug/l	99
71) Bromoform	12.582	173	57473	18.819	ug/l #	99
73) Isopropylbenzene	12.700	105	377907	19.986	ug/l	99
74) N-amyl acetate	12.494	43	111193	20.444	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	105111	19.338	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	98102m	21.492	ug/l	
77) Bromobenzene	12.982	156	85826	19.068	ug/l	95
78) n-propylbenzene	13.041	91	419126	19.645	ug/l	99
79) 2-Chlorotoluene	13.129	91	255494	19.516	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	318530	20.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26232	17.857	ug/l	91
82) 4-Chlorotoluene	13.129	91	255494	19.516	ug/l	99
83) tert-Butylbenzene	13.441	119	292026	20.728	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	314428	19.796	ug/l	98
85) sec-Butylbenzene	13.618	105	384382	19.662	ug/l	100
86) p-Isopropyltoluene	13.729	119	316281	19.675	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	155278	17.424	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	151791	17.970	ug/l	98
89) n-Butylbenzene	14.059	91	242991	19.041	ug/l	99
90) Hexachloroethane	14.335	117	55884	20.142	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	153734	17.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17015	18.008	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	65487	16.175	ug/l	99
94) Hexachlorobutadiene	15.506	225	38232	16.231	ug/l	99
95) Naphthalene	15.641	128	187018	16.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	64040	16.457	ug/l	98

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

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