

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079235.D
 Acq On : 12 Sep 2023 13:11
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Quant Time: Sep 13 01:32:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113677	47.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.171	113	97616	49.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	10.571	98	369114	51.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.620%		
62) 4-Bromofluorobenzene	12.853	95	117190	51.074	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29412	16.663	ug/l	96
3) Chloromethane	2.365	50	37932	16.370	ug/l	96
4) Vinyl Chloride	2.512	62	39148	15.505	ug/l	100
5) Bromomethane	2.948	94	21799	15.021	ug/l	98
6) Chloroethane	3.112	64	24735	14.627	ug/l	92
7) Trichlorofluoromethane	3.495	101	57693	15.605	ug/l	95
8) Diethyl Ether	3.965	74	20252	15.782	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	32190	16.372	ug/l	95
10) Methyl Iodide	4.589	142	30503	18.965	ug/l	95
11) Tert butyl alcohol	5.530	59	32675	73.493	ug/l	96
12) 1,1-Dichloroethene	4.342	96	31224	16.411	ug/l	89
13) Acrolein	4.177	56	36576	86.244	ug/l	97
14) Allyl chloride	5.030	41	52238	17.211	ug/l #	81
15) Acrylonitrile	5.730	53	92709	80.418	ug/l	99
16) Acetone	4.436	43	82459	80.624	ug/l	97
17) Carbon Disulfide	4.712	76	86268	14.507	ug/l	98
18) Methyl Acetate	5.036	43	67258	16.001	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	105232	16.126	ug/l	94
20) Methylene Chloride	5.277	84	39735	15.965	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	35328	16.006	ug/l	93
22) Diisopropyl ether	6.683	45	114306	17.164	ug/l #	87
23) Vinyl Acetate	6.612	43	326173	79.628	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	67704	16.492	ug/l	99
25) 2-Butanone	7.488	43	121713	82.019	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	54315	16.122	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	41708	16.526	ug/l	93
28) Bromochloromethane	7.818	49	36145	19.473	ug/l	84
29) Tetrahydrofuran	7.847	42	80266	84.995	ug/l #	80
30) Chloroform	7.971	83	69452	16.249	ug/l	94
31) Cyclohexane	8.265	56	57997	16.494	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	60109	16.497	ug/l	98
36) 1,1-Dichloropropene	8.383	75	50516	16.729	ug/l	95
37) Ethyl Acetate	7.565	43	49952	16.585	ug/l #	93
38) Carbon Tetrachloride	8.365	117	51574	16.505	ug/l	98
39) Methylcyclohexane	9.606	83	52902	17.761	ug/l #	87
40) Benzene	8.612	78	157341	17.021	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26109	17.193	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	51399	16.152	ug/l	99
43) Isopropyl Acetate	8.694	43	74032	15.064	ug/l	97
44) Trichloroethene	9.359	130	38536	16.923	ug/l	97
45) 1,2-Dichloropropane	9.629	63	41318	18.011	ug/l	98
46) Dibromomethane	9.718	93	26680	17.132	ug/l	89
47) Bromodichloromethane	9.894	83	54141	16.973	ug/l	93
48) Methyl methacrylate	9.682	41	35001	15.901	ug/l #	84
49) 1,4-Dioxane	9.700	88	14834	327.639	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	241372	84.610	ug/l	95
52) Toluene	10.635	92	97570	17.175	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	54971	16.344	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	62081	17.257	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	38211	17.142	ug/l	99
56) Ethyl methacrylate	10.876	69	54697	17.383	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	65644	17.036	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	105781	86.152	ug/l	91
59) 2-Hexanone	11.200	43	172490	83.481	ug/l	95
60) Dibromochloromethane	11.365	129	41027	17.294	ug/l	100
61) 1,2-Dibromoethane	11.476	107	37784	16.985	ug/l	100
64) Tetrachloroethene	11.106	164	34106	17.832	ug/l	94
65) Chlorobenzene	11.894	112	98031	16.498	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	38682	17.360	ug/l	97
67) Ethyl Benzene	11.970	91	171205	16.845	ug/l	97
68) m/p-Xylenes	12.076	106	132602	35.002	ug/l	98
69) o-Xylene	12.406	106	63289	17.419	ug/l	93
70) Styrene	12.418	104	103832	17.769	ug/l	98
71) Bromoform	12.582	173	27414	16.666	ug/l #	96
73) Isopropylbenzene	12.700	105	161424	16.872	ug/l	99
74) N-amyl acetate	12.500	43	57468	15.832	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	55766	15.653	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	43079m	15.200	ug/l	
77) Bromobenzene	12.982	156	38774	16.005	ug/l	99
78) n-propylbenzene	13.041	91	184205	17.139	ug/l	98
79) 2-Chlorotoluene	13.129	91	114456	16.282	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	137613	17.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	18105	17.563	ug/l	94
82) 4-Chlorotoluene	13.223	91	112993	17.107	ug/l	98
83) tert-Butylbenzene	13.447	119	115046	17.445	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	133270	17.554	ug/l	99
85) sec-Butylbenzene	13.623	105	157421	17.339	ug/l	100
86) p-Isopropyltoluene	13.735	119	125217	17.263	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	66077	16.630	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	63203	15.741	ug/l	98
89) n-Butylbenzene	14.059	91	95315	16.710	ug/l	99
90) Hexachloroethane	14.335	117	24628	16.719	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	64004	16.317	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8983	16.586	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	21449	15.216	ug/l	97
94) Hexachlorobutadiene	15.506	225	17167	15.482	ug/l	98
95) Naphthalene	15.647	128	53247	12.718	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	24377	14.661	ug/l	97

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

