

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092523\
 Data File : VN079339.D
 Acq On : 25 Sep 2023 12:23
 Operator : JC\MD
 Sample : VN0925WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Quant Time: Sep 26 06:18:34 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 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	253316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124424	56.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.960%			
35) Dibromofluoromethane	8.171	113	97800	52.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.140%			
50) Toluene-d8	10.571	98	356706	51.721	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.853	95	112486	51.132	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	30038	18.766	ug/l	98
3) Chloromethane	2.365	50	42029	20.002	ug/l	94
4) Vinyl Chloride	2.512	62	46763	20.424	ug/l	91
5) Bromomethane	2.953	94	27285	20.732	ug/l	93
6) Chloroethane	3.118	64	35367	23.637	ug/l	100
7) Trichlorofluoromethane	3.500	101	59438	17.729	ug/l	99
8) Diethyl Ether	3.971	74	22251	19.121	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	35086	19.678	ug/l	99
10) Methyl Iodide	4.595	142	33880	23.229	ug/l	91
11) Tert butyl alcohol	5.524	59	30557	75.790	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	31579	18.302	ug/l	87
13) Acrolein	4.183	56	48529	126.184	ug/l	99
14) Allyl chloride	5.030	41	55226	20.065	ug/l #	92
15) Acrylonitrile	5.730	53	103095	98.615	ug/l	100
16) Acetone	4.436	43	101625	109.572	ug/l	94
17) Carbon Disulfide	4.712	76	78842	14.620	ug/l	96
18) Methyl Acetate	5.030	43	80152	21.027	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	112175	18.957	ug/l	93
20) Methylene Chloride	5.283	84	40222	17.821	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	35068	17.521	ug/l #	86
22) Diisopropyl ether	6.671	45	128908	21.346	ug/l #	91
23) Vinyl Acetate	6.606	43	356363	95.937	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	74679	20.060	ug/l	97
25) 2-Butanone	7.488	43	141169	104.904	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	58629	19.191	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	43813	19.144	ug/l	88
28) Bromochloromethane	7.812	49	36847	21.891	ug/l #	73
29) Tetrahydrofuran	7.847	42	87139	101.754	ug/l #	75
30) Chloroform	7.971	83	80121	20.671	ug/l	95
31) Cyclohexane	8.265	56	58990	18.500	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	64808	19.614	ug/l	95
36) 1,1-Dichloropropene	8.371	75	53721	18.556	ug/l	95
37) Ethyl Acetate	7.565	43	53549	18.544	ug/l #	92
38) Carbon Tetrachloride	8.365	117	55993	18.689	ug/l	92
39) Methylcyclohexane	9.606	83	51509	18.037	ug/l #	83
40) Benzene	8.612	78	165376	18.660	ug/l	97

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41) Methacrylonitrile	7.783	41	29307	20.129	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	62225	20.394	ug/l	97
43) Isopropyl Acetate	8.694	43	88622	18.809	ug/l #	91
44) Trichloroethene	9.359	130	38906	17.820	ug/l	99
45) 1,2-Dichloropropane	9.624	63	45151	20.528	ug/l	92
46) Dibromomethane	9.718	93	29099	19.488	ug/l	96
47) Bromodichloromethane	9.894	83	62998	20.599	ug/l	99
48) Methyl methacrylate	9.688	41	38189	18.095	ug/l	88
49) 1,4-Dioxane	9.700	88	15168	349.422	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	282253	103.195	ug/l	87
52) Toluene	10.635	92	102682	18.853	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	58669	18.193	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	67167	19.474	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	42577	19.922	ug/l	97
56) Ethyl methacrylate	10.876	69	54023	17.907	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	73980	20.025	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	129723	109.112	ug/l	90
59) 2-Hexanone	11.200	43	201850	101.891	ug/l	85
60) Dibromochloromethane	11.365	129	42105	18.512	ug/l	97
61) 1,2-Dibromoethane	11.471	107	39188	18.374	ug/l	99
64) Tetrachloroethene	11.106	164	33096	17.918	ug/l	97
65) Chlorobenzene	11.894	112	104304	18.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	40043	18.608	ug/l	98
67) Ethyl Benzene	11.971	91	182842	18.628	ug/l	96
68) m/p-Xylenes	12.076	106	138465	37.846	ug/l	96
69) o-Xylene	12.400	106	68059	19.396	ug/l	99
70) Styrene	12.418	104	108715	19.264	ug/l	99
71) Bromoform	12.582	173	27941	17.588	ug/l #	96
73) Isopropylbenzene	12.700	105	168431	17.862	ug/l	99
74) N-amyl acetate	12.500	43	65186	18.221	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	60858	17.331	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	48377m	17.319	ug/l	
77) Bromobenzene	12.982	156	40543	16.980	ug/l	94
78) n-propylbenzene	13.041	91	202082	19.077	ug/l	97
79) 2-Chlorotoluene	13.129	91	123629	17.844	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	144605	18.404	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	17283	17.010	ug/l	85
82) 4-Chlorotoluene	13.223	91	117823	18.099	ug/l	98
83) tert-Butylbenzene	13.441	119	122777	18.889	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	140320	18.752	ug/l	99
85) sec-Butylbenzene	13.617	105	167560	18.725	ug/l	98
86) p-Isopropyltoluene	13.735	119	133567	18.683	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	69435	17.730	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	66150	16.716	ug/l	97
89) n-Butylbenzene	14.059	91	102361	18.207	ug/l	97
90) Hexachloroethane	14.341	117	28129	19.375	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	68348	17.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9378	17.569	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	18674	13.441	ug/l	89
94) Hexachlorobutadiene	15.506	225	16665	15.248	ug/l	99
95) Naphthalene	15.647	128	45726	11.081	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	21548	13.148	ug/l	96

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

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