

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079065.D
 Acq On : 28 Aug 2023 14:20
 Operator : JC\MD
 Sample : VN0828WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBS02

Quant Time: Aug 29 04:03:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	180522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	305239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	278859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123347	43.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.820%		
35) Dibromofluoromethane	8.171	113	103106	50.180	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.360%		
50) Toluene-d8	10.571	98	359786	47.158	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.320%		
62) 4-Bromofluorobenzene	12.853	95	119149	47.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	46374	18.514	ug/l	99
3) Chloromethane	2.365	50	48614	13.901	ug/l	97
4) Vinyl Chloride	2.512	62	51209	16.697	ug/l	99
5) Bromomethane	2.959	94	29970	17.020	ug/l	98
6) Chloroethane	3.118	64	36037	16.808	ug/l	95
7) Trichlorofluoromethane	3.495	101	71898	19.247	ug/l	98
8) Diethyl Ether	3.971	74	26277	18.555	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.377	101	39862	20.035	ug/l	96
10) Methyl Iodide	4.595	142	42660	19.164	ug/l #	87
11) Tert butyl alcohol	5.536	59	41139	87.276	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	36301	18.731	ug/l	88
13) Acrolein	4.189	56	23696	83.404	ug/l	95
14) Allyl chloride	5.036	41	62199	16.125	ug/l #	86
15) Acrylonitrile	5.730	53	120477	94.346	ug/l	97
16) Acetone	4.436	43	123321	106.397	ug/l	89
17) Carbon Disulfide	4.712	76	83820	15.451	ug/l	96
18) Methyl Acetate	5.036	43	97323	19.876	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	140424	20.115	ug/l	98
20) Methylene Chloride	5.289	84	48173	19.503	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	40204	18.499	ug/l	95
22) Diisopropyl ether	6.677	45	158130	19.378	ug/l #	88
23) Vinyl Acetate	6.612	43	492633	91.687	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	86336	19.367	ug/l	98
25) 2-Butanone	7.489	43	172528	92.842	ug/l #	71
26) 2,2-Dichloropropane	7.494	77	67285	18.673	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	50164	18.991	ug/l	87
28) Bromochloromethane	7.818	49	44993	19.026	ug/l #	74
29) Tetrahydrofuran	7.847	42	117429	95.471	ug/l #	69
30) Chloroform	7.971	83	88469	19.865	ug/l	95
31) Cyclohexane	8.259	56	68962	17.994	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	75216	19.807	ug/l	94
36) 1,1-Dichloropropene	8.377	75	61071	19.759	ug/l	96
37) Ethyl Acetate	7.571	43	74536	21.554	ug/l #	86
38) Carbon Tetrachloride	8.371	117	64841	20.937	ug/l	97
39) Methylcyclohexane	9.606	83	58761	20.671	ug/l	89
40) Benzene	8.612	78	185449	20.299	ug/l	99

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41) Methacrylonitrile	7.783	41	38340	20.356	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	70536	20.666	ug/l	97
43) Isopropyl Acetate	8.694	43	118261	19.348	ug/l #	86
44) Trichloroethene	9.353	130	46470	21.408	ug/l	97
45) 1,2-Dichloropropane	9.624	63	50638	20.819	ug/l	97
46) Dibromomethane	9.712	93	33940	20.344	ug/l	92
47) Bromodichloromethane	9.894	83	69104	20.977	ug/l	94
48) Methyl methacrylate	9.688	41	55684	20.104	ug/l #	76
49) 1,4-Dioxane	9.700	88	17338	367.505	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	368428	101.629	ug/l #	86
52) Toluene	10.635	92	114614	20.434	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	70185	19.866	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	78247	20.336	ug/l #	81
55) 1,1,2-Trichloroethane	11.024	97	48806	21.701	ug/l	96
56) Ethyl methacrylate	10.877	69	70044	20.091	ug/l #	78
57) 1,3-Dichloropropane	11.171	76	80726	20.068	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	147935	88.399	ug/l	90
59) 2-Hexanone	11.200	43	260257	99.117	ug/l	83
60) Dibromochloromethane	11.365	129	51787	21.882	ug/l	99
61) 1,2-Dibromoethane	11.471	107	47271	20.683	ug/l	99
64) Tetrachloroethene	11.106	164	36718	20.996	ug/l	94
65) Chlorobenzene	11.894	112	120757	20.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	48311	21.536	ug/l	96
67) Ethyl Benzene	11.971	91	212743	19.708	ug/l	97
68) m/p-Xylenes	12.076	106	160259	39.709	ug/l	98
69) o-Xylene	12.400	106	77639	19.776	ug/l	96
70) Styrene	12.418	104	124988	19.093	ug/l	98
71) Bromoform	12.582	173	33368	20.460	ug/l #	98
73) Isopropylbenzene	12.700	105	199854	20.905	ug/l	99
74) N-amyl acetate	12.500	43	89745	18.597	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	69452	20.119	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	57369m	20.766	ug/l	
77) Bromobenzene	12.982	156	50334	21.903	ug/l	94
78) n-propylbenzene	13.041	91	220434	19.884	ug/l	99
79) 2-Chlorotoluene	13.129	91	140095	20.372	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	164003	21.647	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	19038	17.604	ug/l #	65
82) 4-Chlorotoluene	13.223	91	135875	20.193	ug/l	97
83) tert-Butylbenzene	13.441	119	140937	22.141	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	160660	21.416	ug/l	98
85) sec-Butylbenzene	13.618	105	189560	21.639	ug/l	100
86) p-Isopropyltoluene	13.735	119	155616	22.234	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	80571	20.375	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	78607	19.861	ug/l	97
89) n-Butylbenzene	14.059	91	116693	20.260	ug/l	98
90) Hexachloroethane	14.335	117	28876	20.582	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	81840	20.812	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	11132	16.604	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	28222	20.244	ug/l	95
94) Hexachlorobutadiene	15.506	225	18136	22.872	ug/l	96
95) Naphthalene	15.647	128	75919	16.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	31224	20.450	ug/l	97

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

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