

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079119.D
 Acq On : 01 Sep 2023 13:34
 Operator : JC\MD
 Sample : VN0901WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2023
 Supervised By : Semsettin Yesilyurt 09/04/2023

Quant Time: Sep 01 23:10:47 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	248018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	371433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174229	45.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.280%			
35) Dibromofluoromethane	8.171	113	149816	53.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	10.571	98	520144	49.768	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.853	95	180225	52.757	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	61245	17.797	ug/l	97
3) Chloromethane	2.365	50	75098	15.630	ug/l	99
4) Vinyl Chloride	2.518	62	57810	13.719	ug/l	95
5) Bromomethane	2.959	94	31627	13.073	ug/l	93
6) Chloroethane	3.118	64	32644	11.082	ug/l	96
7) Trichlorofluoromethane	3.500	101	101948	19.864	ug/l	93
8) Diethyl Ether	3.965	74	37400	19.222	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	56197	20.559	ug/l	97
10) Methyl Iodide	4.589	142	65485	21.412	ug/l	97
11) Tert butyl alcohol	5.524	59	52518	81.095	ug/l	100
12) 1,1-Dichloroethene	4.347	96	52703	19.793	ug/l	90
13) Acrolein	4.183	56	23768	61.621	ug/l	92
14) Allyl chloride	5.030	41	90880	17.149	ug/l #	87
15) Acrylonitrile	5.724	53	160986	91.761	ug/l	99
16) Acetone	4.436	43	139114	87.359	ug/l	96
17) Carbon Disulfide	4.712	76	140200	18.810	ug/l	98
18) Methyl Acetate	5.030	43	108502	16.129	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	185419	19.332	ug/l	94
20) Methylene Chloride	5.283	84	67985	20.033	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	60643	20.310	ug/l #	82
22) Diisopropyl ether	6.677	45	206746	18.441	ug/l #	89
23) Vinyl Acetate	6.606	43	608648	82.452	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	119605	19.529	ug/l	99
25) 2-Butanone	7.488	43	208540	81.681	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	97360	19.666	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	72082	19.862	ug/l	88
28) Bromochloromethane	7.818	49	54947	16.912	ug/l #	79
29) Tetrahydrofuran	7.841	42	134752	79.740	ug/l #	78
30) Chloroform	7.971	83	121135	19.797	ug/l	95
31) Cyclohexane	8.259	56	97287	18.552	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	104020	19.937	ug/l	98
36) 1,1-Dichloropropene	8.377	75	88328	20.861	ug/l	96
37) Ethyl Acetate	7.565	43	86411	18.241	ug/l #	92
38) Carbon Tetrachloride	8.365	117	88894	20.953	ug/l	97
39) Methylcyclohexane	9.606	83	83298	21.391	ug/l #	86
40) Benzene	8.612	78	272436	21.769	ug/l	99

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41) Methacrylonitrile	7.783	41	46197	17.905	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	92139	19.706	ug/l	100
43) Isopropyl Acetate	8.694	43	137030	16.365	ug/l #	93
44) Trichloroethene	9.353	130	65290	21.956	ug/l	92
45) 1,2-Dichloropropane	9.629	63	70937	21.289	ug/l	99
46) Dibromomethane	9.712	93	44324	19.394	ug/l	88
47) Bromodichloromethane	9.894	83	94871	21.022	ug/l	95
48) Methyl methacrylate	9.688	41	64347	16.959	ug/l #	81
49) 1,4-Dioxane	9.700	88	22324	345.423	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	422656	85.107	ug/l	93
52) Toluene	10.635	92	161004	20.954	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	100162	20.696	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	109307	20.738	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	66356	21.538	ug/l	98
56) Ethyl methacrylate	10.882	69	95494	19.995	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	115077	20.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	165491	72.188	ug/l	90
59) 2-Hexanone	11.200	43	294004	81.737	ug/l	91
60) Dibromochloromethane	11.359	129	69391	21.404	ug/l	99
61) 1,2-Dibromoethane	11.471	107	65265	20.846	ug/l	99
64) Tetrachloroethene	11.106	164	54187	23.263	ug/l	96
65) Chlorobenzene	11.894	112	167264	21.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	65185	21.816	ug/l	96
67) Ethyl Benzene	11.970	91	289741	20.152	ug/l	95
68) m/p-Xylenes	12.076	106	217345	40.431	ug/l	93
69) o-Xylene	12.400	106	106933	20.449	ug/l	93
70) Styrene	12.418	104	172833	19.821	ug/l	98
71) Bromoform	12.582	173	47871	22.037	ug/l #	98
73) Isopropylbenzene	12.700	105	270124	21.143	ug/l	100
74) N-amyl acetate	12.500	43	103291	16.017	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	96739	20.971	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	73465m	19.899	ug/l	
77) Bromobenzene	12.982	156	63553	20.695	ug/l	96
78) n-propylbenzene	13.041	91	310259	20.942	ug/l	97
79) 2-Chlorotoluene	13.129	91	196421	21.373	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	221883	21.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	26550	18.371	ug/l #	85
82) 4-Chlorotoluene	13.223	91	186422	20.732	ug/l	97
83) tert-Butylbenzene	13.441	119	183116	21.526	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	217305	21.676	ug/l	100
85) sec-Butylbenzene	13.617	105	253855	21.684	ug/l	100
86) p-Isopropyltoluene	13.735	119	201323	21.524	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	106812	20.213	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	101810	19.249	ug/l	97
89) n-Butylbenzene	14.059	91	156154	20.287	ug/l	99
90) Hexachloroethane	14.335	117	41000	21.868	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	104718	19.927	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15605	17.650	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	36159	19.409	ug/l	99
94) Hexachlorobutadiene	15.506	225	25936	24.619	ug/l	99
95) Naphthalene	15.641	128	95427	15.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	39866	19.538	ug/l	96

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

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