

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078794.D
 Acq On : 08 Aug 2023 11:49
 Operator : JC\MD
 Sample : VN0808WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 02:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	156920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	93188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123546	52.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.040%			
35) Dibromofluoromethane	8.177	113	98083	51.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.571	98	364444	52.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.853	95	109605	52.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	41224	17.801	ug/l	95
3) Chloromethane	2.371	50	48404	17.919	ug/l	95
4) Vinyl Chloride	2.524	62	46689	18.305	ug/l	96
5) Bromomethane	2.959	94	33808	18.716	ug/l	89
6) Chloroethane	3.124	64	32109	19.146	ug/l	100
7) Trichlorofluoromethane	3.500	101	63479	18.119	ug/l	96
8) Diethyl Ether	3.977	74	22792	17.829	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.389	101	35050	19.207	ug/l	98
10) Methyl Iodide	4.595	142	40890	17.450	ug/l #	94
11) Tert butyl alcohol	5.542	59	31535	76.381	ug/l #	83
12) 1,1-Dichloroethene	4.342	96	33070	18.032	ug/l	97
13) Acrolein	4.189	56	28507	81.605	ug/l	89
14) Allyl chloride	5.030	41	63736	20.873	ug/l #	87
15) Acrylonitrile	5.741	53	93244	86.724	ug/l	98
16) Acetone	4.436	43	82044	90.643	ug/l	89
17) Carbon Disulfide	4.724	76	91944	17.575	ug/l	95
18) Methyl Acetate	5.036	43	69698	17.145	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	112927	18.229	ug/l	93
20) Methylene Chloride	5.283	84	42977	19.172	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	36643	17.855	ug/l	92
22) Diisopropyl ether	6.683	45	135991	18.538	ug/l #	91
23) Vinyl Acetate	6.612	43	464722m	100.947	ug/l	
24) 1,1-Dichloroethane	6.583	63	73256	18.364	ug/l	99
25) 2-Butanone	7.494	43	131799	85.990	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	59194	21.249	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	41903	17.784	ug/l	82
28) Bromochloromethane	7.824	49	42790	19.796	ug/l #	72
29) Tetrahydrofuran	7.853	42	87504	85.313	ug/l #	72
30) Chloroform	7.977	83	72455	18.034	ug/l	98
31) Cyclohexane	8.265	56	63469	18.362	ug/l #	77
32) 1,1,1-Trichloroethane	8.177	97	63954	18.728	ug/l #	91
36) 1,1-Dichloropropene	8.382	75	55573	18.823	ug/l	97
37) Ethyl Acetate	7.571	43	51498	16.405	ug/l #	93
38) Carbon Tetrachloride	8.365	117	54874	18.029	ug/l	95
39) Methylcyclohexane	9.606	83	50762	18.407	ug/l #	81
40) Benzene	8.612	78	159667	17.880	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31664	18.141	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	58909	18.353	ug/l	97
43) Isopropyl Acetate	8.694	43	94659	17.885	ug/l #	87
44) Trichloroethene	9.359	130	40376	18.461	ug/l	96
45) 1,2-Dichloropropane	9.629	63	43591	18.209	ug/l	90
46) Dibromomethane	9.718	93	29292	18.385	ug/l	97
47) Bromodichloromethane	9.894	83	58409	18.418	ug/l	98
48) Methyl methacrylate	9.688	41	43833	17.925	ug/l #	74
49) 1,4-Dioxane	9.706	88	13805	347.648	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	278118	85.792	ug/l #	86
52) Toluene	10.635	92	99725	18.286	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	58970	18.199	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	66246	18.818	ug/l #	82
55) 1,1,2-Trichloroethane	11.023	97	38778	17.888	ug/l	94
56) Ethyl methacrylate	10.882	69	54381	17.299	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	69513	18.443	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	109892	97.372	ug/l #	88
59) 2-Hexanone	11.200	43	194394	84.687	ug/l	83
60) Dibromochloromethane	11.365	129	39688	17.443	ug/l	94
61) 1,2-Dibromoethane	11.476	107	38001	17.698	ug/l	94
64) Tetrachloroethene	11.112	164	36935	19.472	ug/l	93
65) Chlorobenzene	11.900	112	101611	18.125	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.965	131	39139	18.025	ug/l	99
67) Ethyl Benzene	11.970	91	179142	17.939	ug/l	98
68) m/p-Xylenes	12.082	106	136951	37.173	ug/l	100
69) o-Xylene	12.400	106	63790	17.639	ug/l	95
70) Styrene	12.418	104	103107	18.166	ug/l	98
71) Bromoform	12.588	173	25176	16.623	ug/l #	99
73) Isopropylbenzene	12.700	105	162769	17.747	ug/l	98
74) N-amyl acetate	12.500	43	65647	15.779	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	54204	17.390	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	43941m	17.440	ug/l	
77) Bromobenzene	12.982	156	37821	17.575	ug/l	99
78) n-propylbenzene	13.041	91	180187	17.875	ug/l	98
79) 2-Chlorotoluene	13.129	91	117618	18.161	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	124172	16.901	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	17765	18.920	ug/l	89
82) 4-Chlorotoluene	13.229	91	104924	17.710	ug/l	100
83) tert-Butylbenzene	13.447	119	107069	17.497	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	120684	17.091	ug/l	98
85) sec-Butylbenzene	13.623	105	140659	17.579	ug/l	99
86) p-Isopropyltoluene	13.735	119	103194	16.220	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	59708	17.372	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	57706	16.937	ug/l	98
89) n-Butylbenzene	14.064	91	75363	15.787	ug/l	98
90) Hexachloroethane	14.341	117	21327	16.173	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	58438	17.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7612	15.921	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	13105	14.087	ug/l	95
94) Hexachlorobutadiene	15.511	225	11424	16.323	ug/l	96
95) Naphthalene	15.647	128	34831	11.217	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.847	180	15824	14.284	ug/l	91

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

