

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078795.D
 Acq On : 08 Aug 2023 12:23
 Operator : JC\MD
 Sample : VN0808WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 02:47:44 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	155968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	237552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	86836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118453	50.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.320%			
35) Dibromofluoromethane	8.171	113	97596	52.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	10.571	98	357551	52.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.853	95	106147	52.141	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	40189	17.460	ug/l	98
3) Chloromethane	2.371	50	48974	18.241	ug/l #	86
4) Vinyl Chloride	2.524	62	44522	17.562	ug/l	99
5) Bromomethane	2.959	94	33399	18.602	ug/l	95
6) Chloroethane	3.124	64	30091	18.052	ug/l	97
7) Trichlorofluoromethane	3.506	101	61476	17.654	ug/l	90
8) Diethyl Ether	3.977	74	23657	18.618	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.389	101	33625	18.538	ug/l	98
10) Methyl Iodide	4.595	142	41699	17.904	ug/l #	87
11) Tert butyl alcohol	5.530	59	36390	88.678	ug/l	100
12) 1,1-Dichloroethene	4.342	96	32549	17.857	ug/l	90
13) Acrolein	4.189	56	34737	100.047	ug/l	93
14) Allyl chloride	5.024	41	56021	18.458	ug/l #	89
15) Acrylonitrile	5.736	53	93800	87.773	ug/l	94
16) Acetone	4.442	43	79333	88.183	ug/l #	85
17) Carbon Disulfide	4.718	76	89444	17.202	ug/l	96
18) Methyl Acetate	5.047	43	72319	17.898	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	115855	18.815	ug/l #	85
20) Methylene Chloride	5.283	84	40808	18.315	ug/l #	81
21) trans-1,2-Dichloroethene	5.794	96	35556	17.431	ug/l #	83
22) Diisopropyl ether	6.688	45	134334	18.423	ug/l #	88
23) Vinyl Acetate	6.612	43	475295m	103.874	ug/l	
24) 1,1-Dichloroethane	6.577	63	72963	18.402	ug/l	95
25) 2-Butanone	7.494	43	132463	86.950	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	56856	20.534	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	43282	18.482	ug/l	91
28) Bromochloromethane	7.824	49	41812	19.461	ug/l #	72
29) Tetrahydrofuran	7.853	42	90695	88.964	ug/l #	71
30) Chloroform	7.971	83	72672	18.199	ug/l	87
31) Cyclohexane	8.271	56	63010	18.341	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	61262	18.049	ug/l	92
36) 1,1-Dichloropropene	8.377	75	53330	18.571	ug/l	95
37) Ethyl Acetate	7.571	43	61878	20.266	ug/l #	87
38) Carbon Tetrachloride	8.371	117	52821	17.842	ug/l	92
39) Methylcyclohexane	9.606	83	50583	18.858	ug/l	91
40) Benzene	8.612	78	158585	18.258	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	28081	16.541	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	57591	18.447	ug/l	100
43) Isopropyl Acetate	8.694	43	91632	17.800	ug/l #	88
44) Trichloroethene	9.359	130	38756	18.219	ug/l	83
45) 1,2-Dichloropropane	9.629	63	43191	18.549	ug/l	96
46) Dibromomethane	9.718	93	27018	17.434	ug/l	87
47) Bromodichloromethane	9.894	83	56491	18.314	ug/l	93
48) Methyl methacrylate	9.688	41	41535	17.462	ug/l #	81
49) 1,4-Dioxane	9.706	88	14925	386.415	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	283397	89.878	ug/l #	86
52) Toluene	10.635	92	99071	18.676	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	61015	19.359	ug/l	99
54) cis-1,3-Dichloropropene	10.324	75	62140	18.148	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	38265	18.147	ug/l	90
56) Ethyl methacrylate	10.882	69	55244	18.067	ug/l #	78
57) 1,3-Dichloropropane	11.171	76	65469	17.859	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	108645	98.972	ug/l #	86
59) 2-Hexanone	11.200	43	197416	88.421	ug/l	83
60) Dibromochloromethane	11.365	129	41351	18.685	ug/l	98
61) 1,2-Dibromoethane	11.476	107	36766	17.604	ug/l	97
64) Tetrachloroethene	11.112	164	34523	18.861	ug/l	92
65) Chlorobenzene	11.894	112	102140	18.880	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	37927	18.101	ug/l	95
67) Ethyl Benzene	11.970	91	177123	18.381	ug/l	96
68) m/p-Xylenes	12.076	106	133586	37.576	ug/l	100
69) o-Xylene	12.406	106	59402	17.022	ug/l	89
70) Styrene	12.418	104	99612	18.188	ug/l	96
71) Bromoform	12.582	173	26272	17.977	ug/l #	98
73) Isopropylbenzene	12.700	105	160590	18.790	ug/l	99
74) N-amyl acetate	12.500	43	67788	17.485	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	54076	18.618	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	48679m	20.734	ug/l	
77) Bromobenzene	12.988	156	37826	18.863	ug/l	97
78) n-propylbenzene	13.041	91	172011	18.312	ug/l	99
79) 2-Chlorotoluene	13.129	91	108099	17.913	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	124592	18.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14695	16.796	ug/l #	80
82) 4-Chlorotoluene	13.229	91	102860	18.631	ug/l	99
83) tert-Butylbenzene	13.441	119	104954	18.406	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	118957	18.079	ug/l	100
85) sec-Butylbenzene	13.623	105	133278	17.875	ug/l	98
86) p-Isopropyltoluene	13.735	119	103557	17.467	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	58314	18.207	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	55784	17.571	ug/l	96
89) n-Butylbenzene	14.064	91	74402	16.726	ug/l	98
90) Hexachloroethane	14.341	117	22463	18.281	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	57341	18.585	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8225	18.462	ug/l	88
93) 1,2,4-Trichlorobenzene	15.406	180	12719	14.672	ug/l	88
94) Hexachlorobutadiene	15.506	225	11362	17.838	ug/l	95
95) Naphthalene	15.641	128	38663	13.361	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	15637	15.148	ug/l	90

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

