

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076451.D
 Acq On : 30 Jan 2023 12:53
 Operator : JC\MD
 Sample : VN0130WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

Quant Time: Jan 31 00:36:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	354559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	580839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	549682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220000	55.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.840%			
35) Dibromofluoromethane	8.177	113	186407	51.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	10.571	98	668407	49.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.853	95	236441	53.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67004	18.441	ug/l	94
3) Chloromethane	2.377	50	84406	22.437	ug/l	94
4) Vinyl Chloride	2.530	62	104421	22.637	ug/l	100
5) Bromomethane	2.971	94	74881	19.823	ug/l	98
6) Chloroethane	3.136	64	69721	20.157	ug/l	100
7) Trichlorofluoromethane	3.512	101	156639	24.683	ug/l	98
8) Diethyl Ether	3.971	74	49329	23.175	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.395	101	69957	19.473	ug/l	98
10) Methyl Iodide	4.600	142	97759	17.815	ug/l	97
11) Tert butyl alcohol	5.536	59	50323	94.769	ug/l	100
12) 1,1-Dichloroethene	4.359	96	60251	17.742	ug/l	90
13) Acrolein	4.195	56	70234	110.599	ug/l	96
14) Allyl chloride	5.042	41	86001	21.731	ug/l	89
15) Acrylonitrile	5.736	53	159120	105.303	ug/l	100
16) Acetone	4.442	43	140332	110.227	ug/l	98
17) Carbon Disulfide	4.730	76	130749	15.462	ug/l	99
18) Methyl Acetate	5.047	43	90036	20.876	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	231577	20.946	ug/l	97
20) Methylene Chloride	5.295	84	76721	20.012	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	66030	17.948	ug/l	99
22) Diisopropyl ether	6.683	45	200140	21.445	ug/l	96
23) Vinyl Acetate	6.618	43	652250	108.135	ug/l	99
24) 1,1-Dichloroethane	6.583	63	125916	20.240	ug/l	98
25) 2-Butanone	7.494	43	203087	104.484	ug/l	96
26) 2,2-Dichloropropane	7.494	77	105132	20.051	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	83479	19.455	ug/l	96
28) Bromochloromethane	7.818	49	60083	23.828	ug/l	95
29) Tetrahydrofuran	7.847	42	129094	107.612	ug/l	96
30) Chloroform	7.977	83	142562	20.710	ug/l	95
31) Cyclohexane	8.265	56	109498	17.955	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	124033	19.736	ug/l	95
36) 1,1-Dichloropropene	8.377	75	95988	18.592	ug/l	98
37) Ethyl Acetate	7.571	43	85798	20.740	ug/l	98
38) Carbon Tetrachloride	8.371	117	110466	19.186	ug/l	96
39) Methylcyclohexane	9.606	83	114303	18.129	ug/l	99
40) Benzene	8.612	78	294853	19.099	ug/l	98

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41) Methacrylonitrile	7.788	41	45517	20.992	ug/l	96
42) 1,2-Dichloroethane	8.677	62	110887	20.993	ug/l	97
43) Isopropyl Acetate	8.694	43	139401	20.692	ug/l	99
44) Trichloroethene	9.353	130	78693	18.022	ug/l	97
45) 1,2-Dichloropropane	9.624	63	71619	19.376	ug/l	98
46) Dibromomethane	9.712	93	56159	20.124	ug/l	95
47) Bromodichloromethane	9.888	83	112071	20.706	ug/l	98
48) Methyl methacrylate	9.688	41	66891	20.973	ug/l	98
49) 1,4-Dioxane	9.700	88	26624	395.620	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	428676	108.394	ug/l	98
52) Toluene	10.635	92	194500	18.840	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	106241	20.590	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	116758	19.669	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	82243	20.841	ug/l	96
56) Ethyl methacrylate	10.877	69	108346	21.267	ug/l	99
57) 1,3-Dichloropropane	11.165	76	138778	21.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	168676	98.073	ug/l	98
59) 2-Hexanone	11.200	43	321908	112.325	ug/l	98
60) Dibromochloromethane	11.365	129	92477	22.262	ug/l	99
61) 1,2-Dibromoethane	11.471	107	86342	21.920	ug/l	98
64) Tetrachloroethene	11.106	164	87562	17.664	ug/l	98
65) Chlorobenzene	11.894	112	218075	18.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	81291	18.803	ug/l	98
67) Ethyl Benzene	11.965	91	371871	18.700	ug/l	98
68) m/p-Xylenes	12.076	106	293578	36.816	ug/l	98
69) o-Xylene	12.400	106	143425	18.315	ug/l	96
70) Styrene	12.412	104	230908	18.467	ug/l	98
71) Bromoform	12.582	173	59748	19.137	ug/l #	100
73) Isopropylbenzene	12.700	105	375889	18.683	ug/l	99
74) N-amyl acetate	12.494	43	112064	19.364	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	111703	19.313	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	101594m	20.891	ug/l	
77) Bromobenzene	12.982	156	88326	18.423	ug/l	95
78) n-propylbenzene	13.041	91	430097	18.946	ug/l	98
79) 2-Chlorotoluene	13.129	91	257845	18.510	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	323292	19.181	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	27914	17.858	ug/l #	81
82) 4-Chlorotoluene	13.129	91	257845	18.510	ug/l	97
83) tert-Butylbenzene	13.441	119	292597	19.518	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	365468	21.624	ug/l	98
85) sec-Butylbenzene	13.618	105	477672	22.963	ug/l	99
86) p-Isopropyltoluene	13.729	119	357518	20.901	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	175894	18.549	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	172295	19.163	ug/l	99
89) n-Butylbenzene	14.059	91	263177	19.382	ug/l	99
90) Hexachloroethane	14.335	117	54148	18.341	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	164009	17.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19130	19.028	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	71836	16.635	ug/l	97
94) Hexachlorobutadiene	15.500	225	39865	15.905	ug/l	93
95) Naphthalene	15.641	128	212580	16.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70995	17.097	ug/l	100

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

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