

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080136.D
 Acq On : 16 Nov 2023 16:12
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111623

Quant Time: Nov 17 01:22:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	255049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	389877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	355420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212135	50.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.740%			
35) Dibromofluoromethane	8.165	113	149758	52.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	10.570	98	552870	53.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.853	95	209209	53.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	209420	55.123	ug/l	98
3) Chloromethane	2.359	50	144478	50.582	ug/l	99
4) Vinyl Chloride	2.512	62	161845	53.542	ug/l	99
5) Bromomethane	2.936	94	103208	50.296	ug/l	99
6) Chloroethane	3.106	64	98424	52.841	ug/l	93
7) Trichlorofluoromethane	3.489	101	341358	54.136	ug/l	100
8) Diethyl Ether	3.953	74	94958	51.781	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	152908	53.054	ug/l	96
10) Methyl Iodide	4.589	142	171959	55.208	ug/l #	86
11) Tert butyl alcohol	5.518	59	119780	258.644	ug/l	97
12) 1,1-Dichloroethene	4.341	96	143624	53.279	ug/l	85
13) Acrolein	4.177	56	91990	224.451	ug/l	95
14) Allyl chloride	5.024	41	182957	53.945	ug/l	92
15) Acrylonitrile	5.718	53	329168	264.769	ug/l	99
16) Acetone	4.424	43	298635	211.130	ug/l	98
17) Carbon Disulfide	4.706	76	405734	50.408	ug/l	98
18) Methyl Acetate	5.018	43	220892	48.605	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	521241	54.753	ug/l	99
20) Methylene Chloride	5.277	84	162729	54.937	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	157231	53.093	ug/l #	79
22) Diisopropyl ether	6.671	45	406900	54.227	ug/l	96
23) Vinyl Acetate	6.600	43	1242956	275.532	ug/l	94
24) 1,1-Dichloroethane	6.565	63	283516	51.877	ug/l	97
25) 2-Butanone	7.482	43	397403	236.472	ug/l	90
26) 2,2-Dichloropropane	7.488	77	296500	54.683	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	177025	52.725	ug/l	84
28) Bromochloromethane	7.812	49	110634	51.492	ug/l	95
29) Tetrahydrofuran	7.835	42	243934	270.364	ug/l	92
30) Chloroform	7.965	83	323481	52.956	ug/l	95
31) Cyclohexane	8.259	56	230150	50.253	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	320385	53.782	ug/l	96
36) 1,1-Dichloropropene	8.371	75	238217	57.195	ug/l	94
37) Ethyl Acetate	7.559	43	160024	55.391	ug/l	99
38) Carbon Tetrachloride	8.365	117	295785	55.962	ug/l	98
39) Methylcyclohexane	9.606	83	238033	59.272	ug/l	92
40) Benzene	8.606	78	645290	54.513	ug/l	99

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41) Methacrylonitrile	7.777	41	90464	57.019	ug/l	93
42) 1,2-Dichloroethane	8.671	62	272585	56.285	ug/l	95
43) Isopropyl Acetate	8.688	43	281344	50.044	ug/l	98
44) Trichloroethene	9.359	130	170929	55.048	ug/l	100
45) 1,2-Dichloropropane	9.623	63	153990	55.978	ug/l	96
46) Dibromomethane	9.712	93	117269	56.315	ug/l	92
47) Bromodichloromethane	9.888	83	264074	57.650	ug/l	96
48) Methyl methacrylate	9.682	41	169492	58.502	ug/l	90
49) 1,4-Dioxane	9.700	88	56269	1167.449	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	805529	276.757	ug/l	98
52) Toluene	10.635	92	415173	56.043	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	269439	57.251	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	279500	58.131	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	152023	53.767	ug/l	95
56) Ethyl methacrylate	10.876	69	174468	60.401	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	275399	55.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	470873	289.360	ug/l	97
59) 2-Hexanone	11.200	43	612590	261.921	ug/l	96
60) Dibromochloromethane	11.365	129	192126	56.757	ug/l	99
61) 1,2-Dibromoethane	11.470	107	159056	55.141	ug/l	99
64) Tetrachloroethene	11.106	164	151469	55.842	ug/l	98
65) Chlorobenzene	11.894	112	431285	53.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	174813	55.935	ug/l	92
67) Ethyl Benzene	11.964	91	818544	57.118	ug/l	95
68) m/p-Xylenes	12.076	106	602716	115.349	ug/l	87
69) o-Xylene	12.400	106	288675	58.623	ug/l	87
70) Styrene	12.412	104	431393	58.859	ug/l	93
71) Bromoform	12.582	173	131408	56.698	ug/l #	99
73) Isopropylbenzene	12.700	105	778323	56.215	ug/l	98
74) N-amyl acetate	12.494	43	229023	53.043	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	201867	48.714	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	205323m	47.032	ug/l	
77) Bromobenzene	12.982	156	182033	52.147	ug/l	99
78) n-propylbenzene	13.041	91	880460	56.868	ug/l	99
79) 2-Chlorotoluene	13.129	91	547147	54.411	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	674427	55.957	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	69575	53.845	ug/l #	84
82) 4-Chlorotoluene	13.223	91	564904	54.836	ug/l	96
83) tert-Butylbenzene	13.441	119	537060	55.566	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	677092	57.053	ug/l	96
85) sec-Butylbenzene	13.617	105	703841	57.565	ug/l	100
86) p-Isopropyltoluene	13.735	119	644855	59.040	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	325558	51.765	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	325591	51.515	ug/l	97
89) n-Butylbenzene	14.058	91	535320	58.557	ug/l	100
90) Hexachloroethane	14.335	117	114987	54.002	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	311985	51.839	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48341	50.223	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	178234	50.919	ug/l	96
94) Hexachlorobutadiene	15.505	225	97753	48.528	ug/l	99
95) Naphthalene	15.647	128	495340	48.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168582	51.382	ug/l	98

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

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