

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080297.D
 Acq On : 28 Nov 2023 15:28
 Operator : JC\MD
 Sample : 05551-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-110MSD

Quant Time: Nov 29 00:38:00 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 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	380023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	202303	51.582	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.160%			
35) Dibromofluoromethane	8.165	113	153000	54.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.120%			
50) Toluene-d8	10.565	98	533693	52.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.847	95	202623	53.070	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	176322	49.835	ug/l	99
3) Chloromethane	2.365	50	138138	51.930	ug/l	100
4) Vinyl Chloride	2.518	62	156336	55.535	ug/l	96
5) Bromomethane	2.953	94	101536	53.131	ug/l	97
6) Chloroethane	3.124	64	100106	58.010	ug/l	98
7) Trichlorofluoromethane	3.494	101	309590	52.719	ug/l	100
8) Diethyl Ether	3.959	74	95364	55.839	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	140156	52.217	ug/l	94
10) Methyl Iodide	4.589	142	173061	59.661	ug/l	90
11) Tert butyl alcohol	5.512	59	100989	234.153	ug/l	99
12) 1,1-Dichloroethene	4.341	96	137422	54.739	ug/l	88
13) Acrolein	4.177	56	109241	286.204	ug/l	98
14) Allyl chloride	5.018	41	170679	54.037	ug/l	93
15) Acrylonitrile	5.712	53	310989	268.598	ug/l	98
16) Acetone	4.424	43	219767	166.832	ug/l	93
17) Carbon Disulfide	4.712	76	359263	47.927	ug/l	99
18) Methyl Acetate	5.018	43	227262	53.695	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	514799	58.066	ug/l	100
20) Methylene Chloride	5.277	84	159956	57.984	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	151939	55.090	ug/l	86
22) Diisopropyl ether	6.671	45	411824	58.931	ug/l	95
23) Vinyl Acetate	6.600	43	1172001	278.967	ug/l	93
24) 1,1-Dichloroethane	6.565	63	278754	54.768	ug/l	99
25) 2-Butanone	7.482	43	344674	220.225	ug/l	92
26) 2,2-Dichloropropane	7.488	77	277468	54.948	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	173775	55.574	ug/l	86
28) Bromochloromethane	7.812	49	107216	53.582	ug/l	98
29) Tetrahydrofuran	7.835	42	223415	265.887	ug/l	92
30) Chloroform	7.965	83	323572	56.878	ug/l	94
31) Cyclohexane	8.259	56	204199	47.875	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	308896	55.678	ug/l	97
36) 1,1-Dichloropropene	8.371	75	225582	55.565	ug/l	95
37) Ethyl Acetate	7.559	43	149090	52.944	ug/l	96
38) Carbon Tetrachloride	8.359	117	283189	54.969	ug/l	99
39) Methylcyclohexane	9.606	83	202835	51.817	ug/l	92
40) Benzene	8.606	78	637784	55.276	ug/l	98

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41) Methacrylonitrile	7.777	41	88589	57.285	ug/l	93
42) 1,2-Dichloroethane	8.671	62	263850	55.894	ug/l	95
43) Isopropyl Acetate	8.688	43	265849	48.514	ug/l	99
44) Trichloroethene	9.353	130	167579	55.368	ug/l	98
45) 1,2-Dichloropropane	9.623	63	153572	57.273	ug/l	99
46) Dibromomethane	9.706	93	115104	56.709	ug/l	91
47) Bromodichloromethane	9.888	83	259915	58.214	ug/l	98
48) Methyl methacrylate	9.682	41	160204	56.730	ug/l	91
49) 1,4-Dioxane	9.694	88	41608	885.652	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	783423	276.141	ug/l	98
52) Toluene	10.629	92	404770	56.055	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	265389	57.853	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	269849	57.579	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	159388	57.833	ug/l	99
56) Ethyl methacrylate	10.876	69	172154	61.145	ug/l	91
57) 1,3-Dichloropropane	11.165	76	273909	56.924	ug/l	100
59) 2-Hexanone	11.194	43	556747	244.217	ug/l	97
60) Dibromochloromethane	11.359	129	198342	60.112	ug/l	99
61) 1,2-Dibromoethane	11.470	107	159351	56.676	ug/l	98
64) Tetrachloroethene	11.106	164	157766	60.976	ug/l	99
65) Chlorobenzene	11.894	112	428702	55.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	181224	60.789	ug/l	94
67) Ethyl Benzene	11.965	91	793413	58.040	ug/l	98
68) m/p-Xylenes	12.070	106	587494	117.872	ug/l	90
69) o-Xylene	12.400	106	284302	60.526	ug/l	89
70) Styrene	12.412	104	416951	59.639	ug/l	93
71) Bromoform	12.576	173	132388	59.882	ug/l #	99
73) Isopropylbenzene	12.694	105	733518	55.987	ug/l	99
74) N-amyl acetate	12.494	43	216784	53.059	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	201883	51.484	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	193746m	46.900	ug/l	
77) Bromobenzene	12.982	156	180857	54.752	ug/l	98
78) n-propylbenzene	13.035	91	814331	55.583	ug/l	100
79) 2-Chlorotoluene	13.129	91	527043	55.388	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	645251	56.576	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	66823	54.651	ug/l	91
82) 4-Chlorotoluene	13.223	91	535611	54.945	ug/l	96
83) tert-Butylbenzene	13.441	119	515175	56.328	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	640816	57.062	ug/l	97
85) sec-Butylbenzene	13.617	105	657305	56.812	ug/l	100
86) p-Isopropyltoluene	13.729	119	606884	58.719	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	320974	53.933	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	317968	53.165	ug/l	99
89) n-Butylbenzene	14.059	91	488290	56.445	ug/l	99
90) Hexachloroethane	14.335	117	109910	54.548	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	309063	54.269	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45320	49.758	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	168659	50.919	ug/l	98
94) Hexachlorobutadiene	15.505	225	94798	49.733	ug/l	99
95) Naphthalene	15.641	128	463938	48.302	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	161276	51.947	ug/l	98

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

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