

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083903.D
 Acq On : 14 Sep 2024 20:20
 Operator : JC\MD
 Sample : P3886-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-6.5-090624MSD

Quant Time: Sep 16 01:42:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2024
 Supervised By : Mahesh Dadoda 09/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110814	53.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	8.171	113	80514	50.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	10.565	98	284722	52.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.847	95	110746	49.133	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83548	52.226	ug/l	98
3) Chloromethane	2.359	50	87843	53.917	ug/l	98
4) Vinyl Chloride	2.518	62	100273	57.186	ug/l	99
5) Bromomethane	2.948	94	55148	54.778	ug/l	99
6) Chloroethane	3.118	64	58951	47.928	ug/l	98
7) Trichlorofluoromethane	3.495	101	152855	51.356	ug/l	99
8) Diethyl Ether	3.959	74	51175	51.292	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	8506254	5391.889	ug/l	96
10) Methyl Iodide	4.589	142	98129	48.908	ug/l	92
11) Tert butyl alcohol	5.518	59	75504	271.465	ug/l	98
12) 1,1-Dichloroethene	4.342	96	166443	111.715	ug/l	97
13) Acrolein	4.177	56	73035	266.136	ug/l	100
14) Allyl chloride	5.024	41	124356	46.842	ug/l	91
15) Acrylonitrile	5.718	53	203017	268.401	ug/l	99
16) Acetone	4.430	43	184404	221.470	ug/l	99
17) Carbon Disulfide	4.712	76	206075	49.446	ug/l	99
18) Methyl Acetate	5.030	43	89678	51.758	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	282590	52.415	ug/l	99
20) Methylene Chloride	5.277	84	103127	60.525	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	83956	52.581	ug/l	90
22) Diisopropyl ether	6.671	45	292780	53.574	ug/l	98
23) Vinyl Acetate	6.606	43	1007016	251.624	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172797	54.883	ug/l	98
25) 2-Butanone	7.483	43	283052	258.644	ug/l	93
26) 2,2-Dichloropropane	7.489	77	121169	41.789	ug/l #	22
27) cis-1,2-Dichloroethene	7.489	96	1243502	656.052	ug/l	92
28) Bromochloromethane	7.818	49	76415	57.633	ug/l	97
29) Tetrahydrofuran	7.841	42	184505	285.130	ug/l	98
30) Chloroform	7.965	83	188030	56.253	ug/l	99
31) Cyclohexane	8.253	56	139583	46.498	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	215120	69.992	ug/l	99
36) 1,1-Dichloropropene	8.371	75	121517	51.087	ug/l	98
37) Ethyl Acetate	7.559	43	107241	49.670	ug/l #	80
38) Carbon Tetrachloride	8.359	117	137406	50.919	ug/l	98
39) Methylcyclohexane	9.606	83	125780	46.457	ug/l	98
40) Benzene	8.606	78	384287	53.676	ug/l	99

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41) Methacrylonitrile	7.777	41	65222	51.074	ug/l	97
42) 1,2-Dichloroethane	8.671	62	146276	54.678	ug/l	99
43) Isopropyl Acetate	8.688	43	202664	51.798	ug/l	98
44) Trichloroethene	9.347	130	28853295m	17403.298	ug/l	
45) 1,2-Dichloropropane	9.624	63	85311	49.302	ug/l	98
46) Dibromomethane	9.712	93	61106	50.417	ug/l	97
47) Bromodichloromethane	9.888	83	138572	52.829	ug/l	99
48) Methyl methacrylate	9.683	41	97285	52.409	ug/l	98
49) 1,4-Dioxane	9.694	88	28155	922.001	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	587005	275.614	ug/l	98
52) Toluene	10.630	92	224019	51.155	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	139293	52.390	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	142631	51.070	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	94261	57.656	ug/l	97
56) Ethyl methacrylate	10.871	69	141714	56.340	ug/l	95
57) 1,3-Dichloropropane	11.165	76	146843	52.260	ug/l	100
59) 2-Hexanone	11.194	43	431950	274.172	ug/l	97
60) Dibromochloromethane	11.359	129	101374	55.406	ug/l	99
61) 1,2-Dibromoethane	11.471	107	85653	52.532	ug/l	98
64) Tetrachloroethene	11.106	164	217673	148.814	ug/l	97
65) Chlorobenzene	11.888	112	243276	49.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	86635	51.121	ug/l	100
67) Ethyl Benzene	11.965	91	444815	51.222	ug/l	100
68) m/p-Xylenes	12.071	106	328622	101.927	ug/l	100
69) o-Xylene	12.400	106	160224	51.335	ug/l	100
70) Styrene	12.412	104	276536	53.987	ug/l	99
71) Bromoform	12.576	173	64920	56.848	ug/l #	99
73) Isopropylbenzene	12.694	105	410981	49.902	ug/l	99
74) N-amyl acetate	12.494	43	181596	51.680	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	121026	50.014	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	103738m	48.295	ug/l	
77) Bromobenzene	12.982	156	95930	48.390	ug/l	100
78) n-propylbenzene	13.035	91	493565	51.507	ug/l	98
79) 2-Chlorotoluene	13.123	91	303360	49.640	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	347109	49.990	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	41395	50.473	ug/l	87
82) 4-Chlorotoluene	13.218	91	309286	50.432	ug/l	99
83) tert-Butylbenzene	13.435	119	299081	49.232	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	353230	50.643	ug/l	98
85) sec-Butylbenzene	13.618	105	414197	51.411	ug/l	99
86) p-Isopropyltoluene	13.729	119	350227	51.858	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	178888	47.813	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	184182	48.617	ug/l	100
89) n-Butylbenzene	14.053	91	303955	50.127	ug/l	99
90) Hexachloroethane	14.335	117	64159	47.259	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	172925	47.891	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23865	49.474	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	87786	45.306	ug/l	98
94) Hexachlorobutadiene	15.500	225	36776	44.692	ug/l	97
95) Naphthalene	15.635	128	290572	49.292	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	85049	45.928	ug/l	99

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

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