

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080587.D
 Acq On : 21 Dec 2023 20:35
 Operator : JC\MD
 Sample : 05975-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7-122023MS

Quant Time: Dec 22 04:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	355391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	604040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	648834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	253014	55.740	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.480%			
35) Dibromofluoromethane	8.165	113	211071	55.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.220%			
50) Toluene-d8	10.565	98	926836	64.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 129.780%#			
62) 4-Bromofluorobenzene	12.847	95	269069	49.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	203953	44.908	ug/l	98
3) Chloromethane	2.365	50	291656	60.533	ug/l	96
4) Vinyl Chloride	2.512	62	239165	61.663	ug/l #	76
5) Bromomethane	2.948	94	89533	51.201	ug/l	94
6) Chloroethane	3.124	64	153924	61.760	ug/l	98
7) Trichlorofluoromethane	3.495	101	366749	46.620	ug/l	100
8) Diethyl Ether	3.959	74	150876	60.890	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	209304	56.134	ug/l	97
10) Methyl Iodide	4.589	142	158104	48.207	ug/l	97
11) Tert butyl alcohol	5.518	59	154935	289.821	ug/l	99
12) 1,1-Dichloroethene	4.342	96	215509	56.408	ug/l	89
13) Acrolein	4.177	56	220178	376.085	ug/l	100
14) Allyl chloride	5.024	41	308861	65.341	ug/l	91
15) Acrylonitrile	5.718	53	595632	394.326	ug/l	99
16) Acetone	4.424	43	348288	432.740	ug/l	95
17) Carbon Disulfide	4.712	76	601124	55.519	ug/l	99
18) Methyl Acetate	5.018	43	440929	85.142	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	653233	51.248	ug/l	98
20) Methylene Chloride	5.277	84	267011	61.991	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	201557	48.655	ug/l	87
22) Diisopropyl ether	6.671	45	620662	60.837	ug/l #	93
23) Vinyl Acetate	6.600	43	1699551	290.052	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	379910	53.373	ug/l	98
25) 2-Butanone	7.483	43	524456	338.257	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	321118	44.119	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	243105	51.844	ug/l	91
28) Bromochloromethane	7.818	49	169927	62.177	ug/l	89
29) Tetrahydrofuran	7.835	42	352668	317.644	ug/l #	84
30) Chloroform	7.965	83	408261	51.672	ug/l	94
31) Cyclohexane	8.259	56	269055	43.587	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	364355	47.099	ug/l	95
36) 1,1-Dichloropropene	8.371	75	289980	46.308	ug/l	96
37) Ethyl Acetate	7.559	43	221670	56.530	ug/l #	94
38) Carbon Tetrachloride	8.365	117	313354	41.879	ug/l	100
39) Methylcyclohexane	9.600	83	266677	40.994	ug/l	91
40) Benzene	8.606	78	870443	48.137	ug/l	99

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41) Methacrylonitrile	7.777	41	127186	56.260	ug/l	89
42) 1,2-Dichloroethane	8.671	62	324571	48.471	ug/l	98
43) Isopropyl Acetate	8.688	43	412602	58.520	ug/l	95
44) Trichloroethene	9.353	130	236203	48.454	ug/l	93
45) 1,2-Dichloropropane	9.624	63	224416	52.841	ug/l	99
46) Dibromomethane	9.706	93	156883	51.437	ug/l	89
47) Bromodichloromethane	9.888	83	329865	50.464	ug/l	98
48) Methyl methacrylate	9.682	41	244405	58.088	ug/l	85
49) 1,4-Dioxane	9.694	88	59101	926.720	ug/l #	86
51) 4-Methyl-2-Pentanone	10.441	43	1478336	380.712	ug/l	96
52) Toluene	10.629	92	715566	62.640	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391043	55.292	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	431241	57.048	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	268782	65.391	ug/l	97
56) Ethyl methacrylate	10.876	69	292472	64.269	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	415690	57.690	ug/l	100
59) 2-Hexanone	11.194	43	931274	324.862	ug/l	98
60) Dibromochloromethane	11.359	129	264642	54.334	ug/l	99
61) 1,2-Dibromoethane	11.470	107	253936	59.691	ug/l	100
64) Tetrachloroethene	11.106	164	203303	40.583	ug/l	96
65) Chlorobenzene	11.894	112	694088	48.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	259324	45.789	ug/l	96
67) Ethyl Benzene	11.965	91	1206352	45.455	ug/l	98
68) m/p-Xylenes	12.070	106	910193	92.811	ug/l	99
69) o-Xylene	12.400	106	387505	40.398	ug/l	99
70) Styrene	12.412	104	575951	41.684	ug/l	98
71) Bromoform	12.582	173	159590	38.641	ug/l #	99
73) Isopropylbenzene	12.700	105	974035	46.586	ug/l	100
74) N-amyl acetate	12.494	43	355385	58.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	304755	54.395	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	262703m	50.594	ug/l	
77) Bromobenzene	12.982	156	242409	47.130	ug/l	95
78) n-propylbenzene	13.035	91	1103827	47.883	ug/l	99
79) 2-Chlorotoluene	13.129	91	685085	45.520	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	811172	45.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47810	24.176	ug/l	87
82) 4-Chlorotoluene	13.223	91	689107	44.546	ug/l	99
83) tert-Butylbenzene	13.441	119	661270	44.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	822676	45.923	ug/l	97
85) sec-Butylbenzene	13.617	105	878970	46.593	ug/l	99
86) p-Isopropyltoluene	13.729	119	788317	46.280	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	422179	46.587	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	422634	46.202	ug/l	99
89) n-Butylbenzene	14.059	91	638599	44.893	ug/l	99
90) Hexachloroethane	14.335	117	105798	39.110	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	405002	47.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54581	46.315	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	212293	44.434	ug/l	97
94) Hexachlorobutadiene	15.500	225	95096	34.962	ug/l	99
95) Naphthalene	15.641	128	688802	47.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	209490	45.438	ug/l	98

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

