

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080025.D
 Acq On : 09 Nov 2023 16:23
 Operator : JC\MD
 Sample : VN1109WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 00:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						11/10/2023
1) Pentafluorobenzene	8.229	168	237993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	374921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233233	50.000	ug/l	0.00
System Monitoring Compounds						11/10/2023
33) 1,2-Dichloroethane-d4	8.582	65	190236	52.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.940%	
35) Dibromofluoromethane	8.171	113	145238	52.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	10.571	98	542727	53.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	12.853	95	217143	64.369	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 128.740%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	70871	24.722	ug/l	99
3) Chloromethane	2.359	50	75915	20.433	ug/l	99
4) Vinyl Chloride	2.512	62	93589	24.941	ug/l	100
5) Bromomethane	2.953	94	29913	13.120	ug/l	92
6) Chloroethane	3.118	64	33597	11.331	ug/l	98
7) Trichlorofluoromethane	3.500	101	98521	21.109	ug/l	96
8) Diethyl Ether	3.965	74	32835	18.539	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	49971	18.470	ug/l	95
10) Methyl Iodide	4.594	142	47369	15.331	ug/l	94
11) Tert butyl alcohol	5.524	59	41690	90.070	ug/l	99
12) 1,1-Dichloroethene	4.341	96	47439	18.518	ug/l	94
13) Acrolein	4.177	56	40786	101.176	ug/l	96
14) Allyl chloride	5.024	41	63681	16.230	ug/l	95
15) Acrylonitrile	5.724	53	136397	94.560	ug/l	99
16) Acetone	4.430	43	122909	96.503	ug/l	99
17) Carbon Disulfide	4.706	76	112719	15.254	ug/l	99
18) Methyl Acetate	5.030	43	104780	17.196	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	175197	19.864	ug/l	99
20) Methylene Chloride	5.271	84	58875	18.320	ug/l #	91
21) trans-1,2-Dichloroethene	5.794	96	49855	17.450	ug/l #	79
22) Diisopropyl ether	6.677	45	169622	18.655	ug/l #	91
23) Vinyl Acetate	6.606	43	414026	82.549	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	107468	19.446	ug/l	98
25) 2-Butanone	7.488	43	174421	93.521	ug/l	90
26) 2,2-Dichloropropane	7.494	77	94627	20.703	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	61161	17.896	ug/l	82
28) Bromochloromethane	7.812	49	54120	20.094	ug/l	86
29) Tetrahydrofuran	7.841	42	105354	86.823	ug/l	86
30) Chloroform	7.971	83	118027	19.661	ug/l	93
31) Cyclohexane	8.259	56	79509	16.594	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	103335	21.126	ug/l	98
36) 1,1-Dichloropropene	8.377	75	78531	19.906	ug/l	95
37) Ethyl Acetate	7.565	43	68487	18.929	ug/l	95
38) Carbon Tetrachloride	8.365	117	93023	23.397	ug/l	99
39) Methylcyclohexane	9.606	83	69673	18.766	ug/l #	82
40) Benzene	8.612	78	238360	20.172	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	37799	19.674	ug/l	90
42) 1,2-Dichloroethane	8.677	62	93544	22.664	ug/l	97
43) Isopropyl Acetate	8.694	43	110533	17.420	ug/l	97
44) Trichloroethene	9.353	130	57940	19.761	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62694	20.762	ug/l	96
46) Dibromomethane	9.712	93	43916	21.299	ug/l	96
47) Bromodichloromethane	9.888	83	95317	21.676	ug/l	99
48) Methyl methacrylate	9.682	41	54047	19.447	ug/l	85
49) 1,4-Dioxane	9.706	88	20927	426.137	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	373861	104.658	ug/l	96
52) Toluene	10.635	92	152059	21.707	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	95377	22.125	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	100629	21.417	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	63725	22.617	ug/l	96
56) Ethyl methacrylate	10.876	69	87325	21.728	ug/l	90
57) 1,3-Dichloropropane	11.170	76	108268	21.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	184391	90.523	ug/l	93
59) 2-Hexanone	11.200	43	273096	99.935	ug/l	94
60) Dibromochloromethane	11.359	129	70219	23.283	ug/l	100
61) 1,2-Dibromoethane	11.470	107	61018	21.577	ug/l	99
64) Tetrachloroethene	11.106	164	60694	24.996	ug/l	97
65) Chlorobenzene	11.894	112	163864	20.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	65930	22.500	ug/l	97
67) Ethyl Benzene	11.965	91	285463	20.147	ug/l	97
68) m/p-Xylenes	12.076	106	219153	41.520	ug/l	93
69) o-Xylene	12.406	106	108078	21.264	ug/l	92
70) Styrene	12.417	104	178664	21.873	ug/l	96
71) Bromoform	12.582	173	50668	24.352	ug/l #	100
73) Isopropylbenzene	12.700	105	276192	15.603	ug/l	100
74) N-amyl acetate	12.500	43	98580	12.759	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94289	15.024	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	94459m	17.251	ug/l	
77) Bromobenzene	12.982	156	68912	15.902	ug/l	91
78) n-propylbenzene	13.041	91	325708	16.068	ug/l	98
79) 2-Chlorotoluene	13.129	91	215614	16.651	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	242378	17.600	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	32894	16.345	ug/l	96
82) 4-Chlorotoluene	13.223	91	221764	17.234	ug/l	96
83) tert-Butylbenzene	13.441	119	207464	18.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	257419	18.998	ug/l	99
85) sec-Butylbenzene	13.617	105	313921	20.100	ug/l	100
86) p-Isopropyltoluene	13.735	119	244681	19.215	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	149161	18.502	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	153576	18.768	ug/l	98
89) n-Butylbenzene	14.059	91	198154	18.067	ug/l	97
90) Hexachloroethane	14.335	117	49883	19.781	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	152208	20.000	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22076	20.742	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	66149	18.280	ug/l	99
94) Hexachlorobutadiene	15.505	225	33774	20.588	ug/l	96
95) Naphthalene	15.647	128	186798	15.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	64582	18.207	ug/l	97

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

11/10/2023
Supervised By :Mahesh
Dadoda

11/10/2023

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