

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079768.D
 Acq On : 01 Nov 2023 13:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110123

Quant Time: Nov 02 05:52:49 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 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	257710	50.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.460%			
35) Dibromofluoromethane	8.165	113	211766	52.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	10.571	98	794768	53.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.480%			
62) 4-Bromofluorobenzene	12.853	95	267594	54.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	194098	48.328	ug/l	100
3) Chloromethane	2.359	50	226127	45.024	ug/l	97
4) Vinyl Chloride	2.512	62	242147	46.059	ug/l	98
5) Bromomethane	2.948	94	156391	48.959	ug/l	99
6) Chloroethane	3.118	64	173294	41.717	ug/l	99
7) Trichlorofluoromethane	3.495	101	316197	48.357	ug/l	99
8) Diethyl Ether	3.959	74	122063	49.192	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	178622	47.122	ug/l	98
10) Methyl Iodide	4.589	142	211706	48.907	ug/l	98
11) Tert butyl alcohol	5.524	59	142172	219.240	ug/l	100
12) 1,1-Dichloroethene	4.342	96	172052	47.938	ug/l	85
13) Acrolein	4.177	56	120078	232.841	ug/l	97
14) Allyl chloride	5.018	41	261219	47.520	ug/l	91
15) Acrylonitrile	5.718	53	467576	231.372	ug/l	99
16) Acetone	4.424	43	375432	210.398	ug/l	93
17) Carbon Disulfide	4.712	76	482500	46.607	ug/l	99
18) Methyl Acetate	5.024	43	374392	43.855	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	599504	48.517	ug/l	94
20) Methylene Chloride	5.271	84	201948	44.853	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	188196	47.016	ug/l	84
22) Diisopropyl ether	6.671	45	635794	49.909	ug/l #	91
23) Vinyl Acetate	6.606	43	1745615	248.422	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	375045	48.438	ug/l	98
25) 2-Butanone	7.483	43	616812	236.057	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	310690	48.518	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	229618	47.956	ug/l	91
28) Bromochloromethane	7.812	49	187872	49.789	ug/l #	79
29) Tetrahydrofuran	7.835	42	401430	236.130	ug/l #	78
30) Chloroform	7.971	83	380477	45.238	ug/l	89
31) Cyclohexane	8.259	56	310077	46.193	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	332812	48.565	ug/l	96
36) 1,1-Dichloropropene	8.371	75	284612	49.616	ug/l	96
37) Ethyl Acetate	7.559	43	255648	48.594	ug/l #	93
38) Carbon Tetrachloride	8.365	117	284636	49.235	ug/l	96
39) Methylcyclohexane	9.600	83	277481	51.400	ug/l #	89
40) Benzene	8.606	78	848022	49.358	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	137357	49.168	ug/l	88
42) 1,2-Dichloroethane	8.671	62	290681	48.435	ug/l	98
43) Isopropyl Acetate	8.688	43	427341	46.319	ug/l #	93
44) Trichloroethene	9.359	130	208768	48.968	ug/l	98
45) 1,2-Dichloropropane	9.624	63	218220	49.700	ug/l	99
46) Dibromomethane	9.712	93	147734	49.277	ug/l	94
47) Bromodichloromethane	9.888	83	303376	47.448	ug/l	98
48) Methyl methacrylate	9.682	41	207670	51.389	ug/l #	82
49) 1,4-Dioxane	9.700	88	70977	993.992	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1289043	248.171	ug/l	91
52) Toluene	10.635	92	521528	51.202	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	322463	51.445	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	353567	51.751	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	203457	49.662	ug/l	96
56) Ethyl methacrylate	10.876	69	308167	52.735	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	355652	49.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	814522	275.007	ug/l	91
59) 2-Hexanone	11.200	43	961951	242.090	ug/l	90
60) Dibromochloromethane	11.365	129	219530	50.060	ug/l	100
61) 1,2-Dibromoethane	11.471	107	200626	48.791	ug/l	99
64) Tetrachloroethene	11.106	164	164202	50.194	ug/l	97
65) Chlorobenzene	11.894	112	539411	49.231	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	199747	50.600	ug/l	97
67) Ethyl Benzene	11.965	91	999566	52.362	ug/l	97
68) m/p-Xylenes	12.076	106	750686	105.565	ug/l	96
69) o-Xylene	12.400	106	360552	52.654	ug/l	94
70) Styrene	12.412	104	622149	56.535	ug/l	99
71) Bromoform	12.582	173	145262	51.822	ug/l #	100
73) Isopropylbenzene	12.700	105	920456	50.996	ug/l	100
74) N-amyl acetate	12.494	43	383699	48.702	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	292587	45.719	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	258245m	46.252	ug/l	
77) Bromobenzene	12.982	156	221370	50.095	ug/l	98
78) n-propylbenzene	13.041	91	1084672	52.477	ug/l	97
79) 2-Chlorotoluene	13.129	91	655899	49.673	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	731779	52.109	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	92154	44.906	ug/l #	87
82) 4-Chlorotoluene	13.223	91	659120	50.233	ug/l	99
83) tert-Butylbenzene	13.441	119	599442	52.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	736331	53.294	ug/l	98
85) sec-Butylbenzene	13.617	105	833238	52.320	ug/l	99
86) p-Isopropyltoluene	13.735	119	696371	53.631	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	402253	48.932	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	400708	48.022	ug/l	99
89) n-Butylbenzene	14.059	91	582770	52.110	ug/l	99
90) Hexachloroethane	14.335	117	122143	47.499	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	387694	49.958	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51647	47.589	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	179211	48.567	ug/l	98
94) Hexachlorobutadiene	15.506	225	72206	43.166	ug/l	98
95) Naphthalene	15.647	128	576639	46.081	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	170465	47.129	ug/l	97

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

