

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080664.D
 Acq On : 10 Jan 2024 16:37
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011024

Quant Time: Jan 11 06:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169493	49.029	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.060%		
35) Dibromofluoromethane	8.171	113	113871	53.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.140%		
50) Toluene-d8	10.571	98	431855	52.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.847	95	163494	52.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	156105	48.811	ug/l	98
3) Chloromethane	2.359	50	179295	49.668	ug/l	94
4) Vinyl Chloride	2.512	62	140675	48.481	ug/l	100
5) Bromomethane	2.948	94	49445	44.832	ug/l	95
6) Chloroethane	3.118	64	75571	48.559	ug/l	99
7) Trichlorofluoromethane	3.495	101	229394	47.872	ug/l	94
8) Diethyl Ether	3.959	74	97920	46.759	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.365	101	128375	49.153	ug/l	92
10) Methyl Iodide	4.589	142	105133	48.140	ug/l	94
11) Tert butyl alcohol	5.512	59	136825	234.032	ug/l	98
12) 1,1-Dichloroethene	4.336	96	132582	45.110	ug/l #	81
13) Acrolein	4.171	56	104374	213.663	ug/l	99
14) Allyl chloride	5.018	41	265806	45.623	ug/l #	90
15) Acrylonitrile	5.712	53	370835	242.900	ug/l	99
16) Acetone	4.424	43	279776	246.509	ug/l	92
17) Carbon Disulfide	4.712	76	407798	45.364	ug/l	99
18) Methyl Acetate	5.024	43	169199	50.064	ug/l #	81
19) Methyl tert-butyl Ether	5.795	73	487742	48.160	ug/l	96
20) Methylene Chloride	5.277	84	148122	44.706	ug/l #	72
21) trans-1,2-Dichloroethene	5.789	96	143015	47.973	ug/l #	68
22) Diisopropyl ether	6.665	45	537703	48.942	ug/l #	89
23) Vinyl Acetate	6.600	43	2199622	245.989	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	288906	48.039	ug/l	95
25) 2-Butanone	7.477	43	491590	239.622	ug/l #	78
26) 2,2-Dichloropropane	7.489	77	266140	50.600	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	162443	49.429	ug/l	76
28) Bromochloromethane	7.812	49	138949	49.421	ug/l #	63
29) Tetrahydrofuran	7.836	42	330920	239.317	ug/l #	71
30) Chloroform	7.965	83	275518	48.869	ug/l	96
31) Cyclohexane	8.259	56	245682	46.000	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	242677	48.355	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	213112	48.488	ug/l	93
37) Ethyl Acetate	7.559	43	216057	50.694	ug/l #	91
38) Carbon Tetrachloride	8.365	117	194376	49.255	ug/l	96
39) Methylcyclohexane	9.600	83	216849	51.556	ug/l #	79
40) Benzene	8.606	78	616055	49.860	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	121178	49.017	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	236093	49.911	ug/l	95
43) Isopropyl Acetate	8.688	43	392016	50.039	ug/l #	87
44) Trichloroethene	9.353	130	134845	48.208	ug/l	96
45) 1,2-Dichloropropane	9.618	63	167963	51.275	ug/l	97
46) Dibromomethane	9.712	93	103482	49.931	ug/l	94
47) Bromodichloromethane	9.888	83	220717	47.982	ug/l	96
48) Methyl methacrylate	9.682	41	186231	50.209	ug/l #	77
49) 1,4-Dioxane	9.694	88	43473	940.660	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	1062692	251.440	ug/l	87
52) Toluene	10.629	92	358358	50.621	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	261066	51.132	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	275662	50.912	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	135393	49.689	ug/l	95
56) Ethyl methacrylate	10.877	69	242074	49.601	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	255595	51.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	609921	260.917	ug/l #	85
59) 2-Hexanone	11.194	43	792878	254.126	ug/l	84
60) Dibromochloromethane	11.359	129	141392	50.490	ug/l	100
61) 1,2-Dibromoethane	11.471	107	134011	50.031	ug/l	99
64) Tetrachloroethene	11.106	164	103533	47.003	ug/l	93
65) Chlorobenzene	11.894	112	345622	49.321	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	122075	49.065	ug/l	100
67) Ethyl Benzene	11.965	91	668128	49.931	ug/l	94
68) m/p-Xylenes	12.071	106	480098	102.054	ug/l	86
69) o-Xylene	12.400	106	236661	51.451	ug/l	87
70) Styrene	12.412	104	392555	50.258	ug/l #	92
71) Bromoform	12.582	173	83299	48.665	ug/l #	99
73) Isopropylbenzene	12.700	105	581493	49.023	ug/l	99
74) N-amyl acetate	12.494	43	338672	47.577	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	184374	47.385	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	199961m	51.987	ug/l	
77) Bromobenzene	12.982	156	122065	48.450	ug/l	70
78) n-propylbenzene	13.035	91	725383	49.852	ug/l	95
79) 2-Chlorotoluene	13.129	91	449679	48.222	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	483722	48.933	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	77743	47.648	ug/l #	83
82) 4-Chlorotoluene	13.223	91	448655	49.077	ug/l	91
83) tert-Butylbenzene	13.441	119	375147	47.471	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	473652	48.728	ug/l	97
85) sec-Butylbenzene	13.618	105	565398	50.354	ug/l	97
86) p-Isopropyltoluene	13.729	119	439009	49.504	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	213211	47.381	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	218787	47.725	ug/l	96
89) n-Butylbenzene	14.059	91	440835	51.573	ug/l	98
90) Hexachloroethane	14.335	117	80073	48.688	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	211363	49.846	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42893	48.151	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	106079	48.034	ug/l	96
94) Hexachlorobutadiene	15.506	225	47082	44.424	ug/l	98
95) Naphthalene	15.641	128	412020	47.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105720	49.457	ug/l	97

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

