

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080182.D
 Acq On : 18 Nov 2023 13:43
 Operator : JC\MD
 Sample : VN1118WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Quant Time: Nov 20 01:23:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	330466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190876	51.305	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.620%	
35) Dibromofluoromethane	8.171	113	131829	49.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.980%	
50) Toluene-d8	10.571	98	492541	51.814	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.853	95	184319	51.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	64847	19.321	ug/l	100
3) Chloromethane	2.359	50	44714	17.720	ug/l	95
4) Vinyl Chloride	2.512	62	49524	18.545	ug/l	100
5) Bromomethane	2.954	94	32357	17.849	ug/l	83
6) Chloroethane	3.118	64	32190	18.395	ug/l	95
7) Trichlorofluoromethane	3.495	101	107970	19.382	ug/l	88
8) Diethyl Ether	3.965	74	28257	17.442	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	47877	18.804	ug/l	96
10) Methyl Iodide	4.595	142	51498	18.715	ug/l #	85
11) Tert butyl alcohol	5.530	59	44795	109.489	ug/l	100
12) 1,1-Dichloroethene	4.342	96	43923	18.444	ug/l	84
13) Acrolein	4.183	56	35548	98.179	ug/l	97
14) Allyl chloride	5.024	41	53229	17.765	ug/l	92
15) Acrylonitrile	5.724	53	111455	101.478	ug/l	99
16) Acetone	4.424	43	100023	80.045	ug/l #	86
17) Carbon Disulfide	4.712	76	122859	17.278	ug/l	98
18) Methyl Acetate	5.024	43	77247	19.240	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	163789	19.475	ug/l	99
20) Methylene Chloride	5.277	84	55515	21.215	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	48664	18.601	ug/l	86
22) Diisopropyl ether	6.677	45	130693	19.715	ug/l	94
23) Vinyl Acetate	6.606	43	391395	98.210	ug/l	93
24) 1,1-Dichloroethane	6.571	63	91518	18.955	ug/l	99
25) 2-Butanone	7.489	43	134890	90.856	ug/l	91
26) 2,2-Dichloropropane	7.494	77	88224	18.418	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	56352	18.998	ug/l	89
28) Bromochloromethane	7.812	49	39732	20.932	ug/l	93
29) Tetrahydrofuran	7.841	42	84133	105.552	ug/l	93
30) Chloroform	7.965	83	106787	19.788	ug/l	96
31) Cyclohexane	8.259	56	71487	17.669	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	103733	19.711	ug/l	99
36) 1,1-Dichloropropene	8.377	75	72369	18.955	ug/l	95
37) Ethyl Acetate	7.565	43	56704	21.412	ug/l	97
38) Carbon Tetrachloride	8.365	117	95655	19.743	ug/l	96
39) Methylcyclohexane	9.606	83	67721	18.396	ug/l #	89
40) Benzene	8.612	78	209078	19.268	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31165	21.429	ug/l	92
42) 1,2-Dichloroethane	8.677	62	89731	20.212	ug/l	94
43) Isopropyl Acetate	8.694	43	103914	20.164	ug/l #	93
44) Trichloroethene	9.353	130	52530	18.455	ug/l	97
45) 1,2-Dichloropropane	9.630	63	48969	19.419	ug/l	97
46) Dibromomethane	9.712	93	38963	20.412	ug/l	93
47) Bromodichloromethane	9.888	83	83645	19.921	ug/l	99
48) Methyl methacrylate	9.683	41	55480	20.890	ug/l	88
49) 1,4-Dioxane	9.700	88	18442	417.413	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	292665	109.692	ug/l	97
52) Toluene	10.635	92	136206	20.058	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	85150	19.738	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	87082	19.758	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	52523	20.265	ug/l	98
56) Ethyl methacrylate	10.877	69	55115	20.816	ug/l	90
57) 1,3-Dichloropropane	11.165	76	87870	19.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	164692	110.407	ug/l	97
59) 2-Hexanone	11.200	43	218488	101.910	ug/l	94
60) Dibromochloromethane	11.365	129	62630	20.184	ug/l	97
61) 1,2-Dibromoethane	11.471	107	52278	19.771	ug/l	99
64) Tetrachloroethene	11.106	164	45762	18.145	ug/l	96
65) Chlorobenzene	11.894	112	138148	18.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	59973	20.639	ug/l	93
67) Ethyl Benzene	11.971	91	251767	18.895	ug/l	98
68) m/p-Xylenes	12.076	106	190909	39.296	ug/l	90
69) o-Xylene	12.400	106	89169	19.475	ug/l	84
70) Styrene	12.412	104	135260	19.848	ug/l	93
71) Bromoform	12.582	173	44415	20.611	ug/l #	100
73) Isopropylbenzene	12.700	105	238162	18.916	ug/l	98
74) N-amyl acetate	12.500	43	76321	19.438	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	75224	19.962	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	74750m	18.829	ug/l	
77) Bromobenzene	12.982	156	59163	18.638	ug/l	98
78) n-propylbenzene	13.041	91	269241	19.123	ug/l	99
79) 2-Chlorotoluene	13.129	91	175131	19.152	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	210123	19.171	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	25107	21.367	ug/l	91
82) 4-Chlorotoluene	13.223	91	178535	19.058	ug/l	94
83) tert-Butylbenzene	13.441	119	167345	19.040	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	211891	19.634	ug/l	97
85) sec-Butylbenzene	13.618	105	215116	19.347	ug/l	99
86) p-Isopropyltoluene	13.735	119	193609	19.493	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	101850	17.808	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	104745	18.224	ug/l	96
89) n-Butylbenzene	14.059	91	147412	17.732	ug/l	99
90) Hexachloroethane	14.341	117	37347	19.287	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	103111	18.840	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17338	19.808	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	51782	16.268	ug/l	93
94) Hexachlorobutadiene	15.506	225	29727	16.228	ug/l	99
95) Naphthalene	15.647	128	150668	16.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	51767	17.351	ug/l	100

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

