

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080740.D
 Acq On : 22 Jan 2024 16:59
 Operator : JC\MD
 Sample : VN0122WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS03

Quant Time: Jan 23 03:56:05 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 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276109	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133414	45.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.100%		
35) Dibromofluoromethane	8.165	113	98586	52.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.600%		
50) Toluene-d8	10.565	98	399639	56.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.260%		
62) 4-Bromofluorobenzene	12.847	95	138800	50.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	42717	15.765	ug/l	91
3) Chloromethane	2.359	50	65838	21.434	ug/l	93
4) Vinyl Chloride	2.512	62	49131	19.985	ug/l	98
5) Bromomethane	2.954	94	18673	19.984	ug/l	98
6) Chloroethane	3.124	64	28122	21.140	ug/l	# 87
7) Trichlorofluoromethane	3.501	101	65409	16.111	ug/l	89
8) Diethyl Ether	3.959	74	30896	17.413	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	39324	17.771	ug/l	95
10) Methyl Iodide	4.589	142	32256	17.433	ug/l	94
11) Tert butyl alcohol	5.506	59	33603	67.839	ug/l	95
12) 1,1-Dichloroethene	4.342	96	41478	16.657	ug/l	# 79
13) Acrolein	4.171	56	30200	72.969	ug/l	91
14) Allyl chloride	5.018	41	83163	16.848	ug/l	# 91
15) Acrylonitrile	5.712	53	110917	85.750	ug/l	98
16) Acetone	4.418	43	71314	74.163	ug/l	94
17) Carbon Disulfide	4.712	76	124489	16.345	ug/l	98
18) Methyl Acetate	5.024	43	52074	18.186	ug/l	# 81
19) Methyl tert-butyl Ether	5.783	73	145921	17.006	ug/l	92
20) Methylene Chloride	5.277	84	48382	17.235	ug/l	# 75
21) trans-1,2-Dichloroethene	5.783	96	44672	17.687	ug/l	# 78
22) Diisopropyl ether	6.671	45	183496	19.713	ug/l	# 84
23) Vinyl Acetate	6.600	43	686969	90.677	ug/l	# 83
24) 1,1-Dichloroethane	6.565	63	94501	18.547	ug/l	96
25) 2-Butanone	7.477	43	142288	81.862	ug/l	# 79
26) 2,2-Dichloropropane	7.483	77	77644	17.424	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	52224	18.756	ug/l	81
28) Bromochloromethane	7.806	49	41139	17.270	ug/l	# 57
29) Tetrahydrofuran	7.836	42	100209	85.536	ug/l	# 68
30) Chloroform	7.965	83	84834	17.760	ug/l	92
31) Cyclohexane	8.259	56	81374	17.983	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	70502	16.581	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	67441	17.632	ug/l	94
37) Ethyl Acetate	7.553	43	61681	16.630	ug/l	# 91
38) Carbon Tetrachloride	8.359	117	56200	16.364	ug/l	98
39) Methylcyclohexane	9.606	83	69181	18.900	ug/l	# 80
40) Benzene	8.606	78	209462	19.480	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	37846	17.591	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	67767	16.462	ug/l	95
43) Isopropyl Acetate	8.688	43	114618	16.811	ug/l #	90
44) Trichloroethene	9.347	130	45655	18.755	ug/l	98
45) 1,2-Dichloropropane	9.618	63	55931	19.620	ug/l	98
46) Dibromomethane	9.706	93	31841	17.654	ug/l	94
47) Bromodichloromethane	9.888	83	67278	16.806	ug/l #	95
48) Methyl methacrylate	9.677	41	54853	16.993	ug/l #	73
49) 1,4-Dioxane	9.694	88	13573	337.471	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	314935	85.624	ug/l	89
52) Toluene	10.629	92	122449	19.875	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	79510	17.894	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	87310	18.529	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	43557	18.368	ug/l	97
56) Ethyl methacrylate	10.877	69	73008	17.189	ug/l #	76
57) 1,3-Dichloropropane	11.159	76	82076	18.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	150564	74.011	ug/l #	83
59) 2-Hexanone	11.194	43	230950	85.057	ug/l	84
60) Dibromochloromethane	11.359	129	41984	17.227	ug/l	96
61) 1,2-Dibromoethane	11.471	107	41573	17.834	ug/l	98
64) Tetrachloroethene	11.100	164	34237	18.056	ug/l	95
65) Chlorobenzene	11.894	112	116341	19.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	40008	18.680	ug/l	97
67) Ethyl Benzene	11.965	91	219223	19.032	ug/l	96
68) m/p-Xylenes	12.071	106	156731	38.702	ug/l	88
69) o-Xylene	12.400	106	75240	19.002	ug/l	87
70) Styrene	12.412	104	127073	18.899	ug/l	96
71) Bromoform	12.576	173	23831	16.173	ug/l #	100
73) Isopropylbenzene	12.694	105	189847	18.686	ug/l	99
74) N-amyl acetate	12.494	43	103583	16.989	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	58118	17.439	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58982m	17.903	ug/l	
77) Bromobenzene	12.976	156	37945	17.584	ug/l	73
78) n-propylbenzene	13.035	91	234825	18.841	ug/l	96
79) 2-Chlorotoluene	13.123	91	143597	17.978	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	155720	18.391	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22462	16.073	ug/l #	74
82) 4-Chlorotoluene	13.223	91	141000	18.007	ug/l	93
83) tert-Butylbenzene	13.435	119	124653	18.416	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	154125	18.512	ug/l	99
85) sec-Butylbenzene	13.618	105	187858	19.533	ug/l	97
86) p-Isopropyltoluene	13.729	119	140979	18.560	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71990	18.678	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72096	18.361	ug/l	96
89) n-Butylbenzene	14.059	91	139771	19.091	ug/l	96
90) Hexachloroethane	14.335	117	24119	17.122	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	69858	19.234	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10990	14.140	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	35393	18.711	ug/l	97
94) Hexachlorobutadiene	15.506	225	15743	17.342	ug/l	97
95) Naphthalene	15.635	128	125356	16.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32347	17.667	ug/l	95

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

