

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079818.D
 Acq On : 03 Nov 2023 02:20
 Operator : JC\MD
 Sample : VN1102WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD02

Quant Time: Nov 03 05:33:59 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 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	378352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	662928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	537599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	260540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	303238	52.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.220%			
35) Dibromofluoromethane	8.171	113	239757	51.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	10.570	98	808873	46.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.660%			
62) 4-Bromofluorobenzene	12.853	95	279062	48.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97325	21.356	ug/l	96
3) Chloromethane	2.359	50	115710	19.551	ug/l	98
4) Vinyl Chloride	2.512	62	116558	19.539	ug/l	98
5) Bromomethane	2.959	94	62971	17.373	ug/l	94
6) Chloroethane	3.124	64	70064	14.864	ug/l	94
7) Trichlorofluoromethane	3.500	101	161973	21.830	ug/l	96
8) Diethyl Ether	3.959	74	58499	20.776	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	91448	21.261	ug/l	98
10) Methyl Iodide	4.589	142	100112	20.382	ug/l	99
11) Tert butyl alcohol	5.524	59	67067	91.144	ug/l #	83
12) 1,1-Dichloroethene	4.341	96	86970	21.355	ug/l	85
13) Acrolein	4.177	56	64428	100.499	ug/l	96
14) Allyl chloride	5.024	41	135598	21.739	ug/l #	90
15) Acrylonitrile	5.718	53	241679	105.393	ug/l	99
16) Acetone	4.430	43	190702	94.184	ug/l	95
17) Carbon Disulfide	4.712	76	241610	20.567	ug/l	98
18) Methyl Acetate	5.024	43	203536	21.011	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	288887	20.604	ug/l	93
20) Methylene Chloride	5.277	84	107538	21.049	ug/l #	85
21) trans-1,2-Dichloroethene	5.788	96	94647	20.838	ug/l	86
22) Diisopropyl ether	6.677	45	329294	22.780	ug/l #	89
23) Vinyl Acetate	6.606	43	810182	101.610	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	194403	22.127	ug/l	97
25) 2-Butanone	7.482	43	297341	100.284	ug/l #	78
26) 2,2-Dichloropropane	7.488	77	128318	17.660	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	104707	19.272	ug/l	82
28) Bromochloromethane	7.818	49	100982	23.585	ug/l #	75
29) Tetrahydrofuran	7.841	42	199753	103.549	ug/l #	76
30) Chloroform	7.971	83	193191	20.243	ug/l	94
31) Cyclohexane	8.265	56	159053	20.881	ug/l	83
32) 1,1,1-Trichloroethane	8.165	97	162170	20.855	ug/l	96
36) 1,1-Dichloropropene	8.377	75	139277	20.790	ug/l	95
37) Ethyl Acetate	7.559	43	126818	20.641	ug/l #	92
38) Carbon Tetrachloride	8.365	117	138222	20.472	ug/l	97
39) Methylcyclohexane	9.606	83	124028	19.672	ug/l	87
40) Benzene	8.606	78	420167	20.940	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	71790	22.004	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	149397	21.315	ug/l	98
43) Isopropyl Acetate	8.688	43	201891	18.737	ug/l #	93
44) Trichloroethene	9.353	130	94335	18.946	ug/l	98
45) 1,2-Dichloropropane	9.623	63	106620	20.792	ug/l	93
46) Dibromomethane	9.712	93	66288	18.932	ug/l	96
47) Bromodichloromethane	9.888	83	137596	18.427	ug/l	98
48) Methyl methacrylate	9.682	41	93097	19.726	ug/l #	77
49) 1,4-Dioxane	9.694	88	29773	357.020	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	569035	93.805	ug/l	90
52) Toluene	10.635	92	232575	19.551	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	140641	19.212	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	144440	18.103	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	93422	19.526	ug/l	96
56) Ethyl methacrylate	10.876	69	131804	19.313	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	165590	19.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	307291	88.837	ug/l	89
59) 2-Hexanone	11.200	43	409469	88.237	ug/l	88
60) Dibromochloromethane	11.359	129	97955	19.126	ug/l	100
61) 1,2-Dibromoethane	11.470	107	88708	18.472	ug/l	99
64) Tetrachloroethene	11.106	164	79699	22.890	ug/l	92
65) Chlorobenzene	11.894	112	224857	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	94815	22.567	ug/l	97
67) Ethyl Benzene	11.964	91	435125	21.416	ug/l	97
68) m/p-Xylenes	12.076	106	327485	43.269	ug/l	92
69) o-Xylene	12.400	106	160158	21.975	ug/l	91
70) Styrene	12.412	104	268653	22.937	ug/l	97
71) Bromoform	12.582	173	64239	21.532	ug/l #	97
73) Isopropylbenzene	12.700	105	387231	19.583	ug/l	100
74) N-amyl acetate	12.500	43	158025	18.309	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	126877	18.097	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	109133m	17.842	ug/l	
77) Bromobenzene	12.982	156	88332	18.246	ug/l	93
78) n-propylbenzene	13.041	91	431389	19.051	ug/l	97
79) 2-Chlorotoluene	13.129	91	270533	18.702	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	316325	20.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	36159	16.084	ug/l #	83
82) 4-Chlorotoluene	13.223	91	276449	19.232	ug/l	98
83) tert-Butylbenzene	13.441	119	244944	19.451	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	331967	21.932	ug/l	99
85) sec-Butylbenzene	13.617	105	334854	19.193	ug/l	99
86) p-Isopropyltoluene	13.729	119	293601	20.640	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177375	19.696	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	171514	18.763	ug/l	97
89) n-Butylbenzene	14.058	91	237039	19.348	ug/l	98
90) Hexachloroethane	14.335	117	57071	20.259	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	176052	20.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23980	20.170	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	74154	18.344	ug/l	95
94) Hexachlorobutadiene	15.505	225	36710	20.033	ug/l	97
95) Naphthalene	15.647	128	201477	14.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	75830	19.137	ug/l	97

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

