

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079916.D
 Acq On : 06 Nov 2023 12:34
 Operator : JC\MD
 Sample : VN1106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 04:07:32 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	296490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	250999	55.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.140%			
35) Dibromofluoromethane	8.171	113	193203	53.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.800%			
50) Toluene-d8	10.571	98	699424	52.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.853	95	241921	55.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70785	19.821	ug/l	94
3) Chloromethane	2.359	50	82784	17.768	ug/l	99
4) Vinyl Chloride	2.512	62	107141	22.919	ug/l	97
5) Bromomethane	2.953	94	56317	19.827	ug/l	97
6) Chloroethane	3.124	64	55625	15.059	ug/l	96
7) Trichlorofluoromethane	3.500	101	144482	24.849	ug/l	98
8) Diethyl Ether	3.971	74	44708	20.262	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	70410	20.889	ug/l	98
10) Methyl Iodide	4.589	142	73974	19.218	ug/l	95
11) Tert butyl alcohol	5.524	59	51963	90.115	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	61947	19.411	ug/l	86
13) Acrolein	4.183	56	49976	99.427	ug/l	98
14) Allyl chloride	5.024	41	100933	20.649	ug/l #	91
15) Acrylonitrile	5.718	53	187932	104.582	ug/l	98
16) Acetone	4.430	43	186906	117.797	ug/l	93
17) Carbon Disulfide	4.712	76	169847	18.451	ug/l	100
18) Methyl Acetate	5.030	43	158971	20.942	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	225027	20.480	ug/l	92
20) Methylene Chloride	5.277	84	80964	20.223	ug/l #	87
21) trans-1,2-Dichloroethene	5.788	96	71089	19.973	ug/l #	83
22) Diisopropyl ether	6.671	45	256098	22.608	ug/l #	89
23) Vinyl Acetate	6.606	43	666281	106.634	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	150143	21.807	ug/l	98
25) 2-Butanone	7.488	43	258092	111.080	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	117594	20.652	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	87373	20.522	ug/l	86
28) Bromochloromethane	7.812	49	75979	22.644	ug/l #	73
29) Tetrahydrofuran	7.841	42	165831	109.700	ug/l #	73
30) Chloroform	7.965	83	154447	20.652	ug/l	92
31) Cyclohexane	8.259	56	117412	19.670	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	130455	21.408	ug/l	97
36) 1,1-Dichloropropene	8.371	75	107282	20.960	ug/l	93
37) Ethyl Acetate	7.565	43	106153	22.613	ug/l #	90
38) Carbon Tetrachloride	8.365	117	111736	21.661	ug/l	94
39) Methylcyclohexane	9.606	83	91080	18.908	ug/l #	89
40) Benzene	8.606	78	328189	21.408	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	55122	22.113	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	125686	23.471	ug/l	97
43) Isopropyl Acetate	8.694	43	170362	20.694	ug/l #	91
44) Trichloroethene	9.353	130	79614	20.928	ug/l	95
45) 1,2-Dichloropropane	9.624	63	87941	22.446	ug/l	96
46) Dibromomethane	9.712	93	58287	21.788	ug/l	94
47) Bromodichloromethane	9.888	83	119797	20.998	ug/l	98
48) Methyl methacrylate	9.682	41	81593	22.628	ug/l #	78
49) 1,4-Dioxane	9.700	88	27384	429.790	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	526946	113.696	ug/l	90
52) Toluene	10.635	92	199372	21.937	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	121412	21.708	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	135783	22.273	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	84130	23.014	ug/l	98
56) Ethyl methacrylate	10.876	69	108971	20.898	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	142668	22.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	264396	100.044	ug/l #	87
59) 2-Hexanone	11.200	43	383470	108.156	ug/l	87
60) Dibromochloromethane	11.365	129	85744	21.913	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75888	20.683	ug/l	98
64) Tetrachloroethene	11.106	164	73290	24.206	ug/l	96
65) Chlorobenzene	11.894	112	206365	20.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	79942	21.879	ug/l	98
67) Ethyl Benzene	11.965	91	358745	20.304	ug/l	96
68) m/p-Xylenes	12.076	106	274953	41.775	ug/l	94
69) o-Xylene	12.400	106	128764	20.317	ug/l	90
70) Styrene	12.417	104	218252	21.428	ug/l	96
71) Bromoform	12.576	173	55547	21.410	ug/l #	97
73) Isopropylbenzene	12.700	105	324037	20.156	ug/l	99
74) N-amyl acetate	12.494	43	127013	18.101	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	114115	20.020	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104236m	20.960	ug/l	
77) Bromobenzene	12.982	156	80095	20.350	ug/l	91
78) n-propylbenzene	13.041	91	382407	20.772	ug/l	97
79) 2-Chlorotoluene	13.129	91	240667	20.464	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	265228	21.205	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35868	19.624	ug/l #	78
82) 4-Chlorotoluene	13.223	91	247120	21.145	ug/l	97
83) tert-Butylbenzene	13.441	119	207692	20.286	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	270703	21.998	ug/l	99
85) sec-Butylbenzene	13.617	105	288275	20.323	ug/l	98
86) p-Isopropyltoluene	13.735	119	233406	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145191	19.830	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	149624	20.133	ug/l	99
89) n-Butylbenzene	14.059	91	191157	19.191	ug/l	97
90) Hexachloroethane	14.335	117	44114	19.261	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	143745	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19552	20.227	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	62920	19.145	ug/l	98
94) Hexachlorobutadiene	15.505	225	28483	19.118	ug/l	99
95) Naphthalene	15.647	128	187329	16.808	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	62489	19.397	ug/l	99

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

