

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080082.D
 Acq On : 14 Nov 2023 12:18
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Quant Time: Nov 15 03:55:12 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 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	206593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159516	50.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.360%			
35) Dibromofluoromethane	8.171	113	117622	50.705	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.571	98	416533	48.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.853	95	154414	54.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41924	16.847	ug/l	93
3) Chloromethane	2.359	50	31165	9.238	ug/l	100
4) Vinyl Chloride	2.518	62	69494	21.334	ug/l	100
5) Bromomethane	2.953	94	22127	11.180	ug/l	98
6) Chloroethane	3.124	64	26839	10.428	ug/l	99
7) Trichlorofluoromethane	3.495	101	80632	19.902	ug/l	92
8) Diethyl Ether	3.959	74	24145	15.705	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	38350	16.329	ug/l	93
10) Methyl Iodide	4.589	142	39160	14.601	ug/l	93
11) Tert butyl alcohol	5.512	59	31064	77.314	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33692	15.151	ug/l	90
13) Acrolein	4.183	56	24937	70.438	ug/l	95
14) Allyl chloride	5.030	41	45877	13.470	ug/l	94
15) Acrylonitrile	5.718	53	94091	75.145	ug/l	100
16) Acetone	4.430	43	85343	77.192	ug/l	100
17) Carbon Disulfide	4.712	76	79302	12.363	ug/l	96
18) Methyl Acetate	5.024	43	72814	13.766	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	134164	17.524	ug/l	97
20) Methylene Chloride	5.277	84	45679	16.374	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	39273	15.835	ug/l #	77
22) Diisopropyl ether	6.671	45	120964	15.325	ug/l	97
23) Vinyl Acetate	6.606	43	298994	68.675	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	80303	16.739	ug/l	99
25) 2-Butanone	7.488	43	112258	69.338	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	80752	20.353	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	46533	15.685	ug/l	84
28) Bromochloromethane	7.818	49	41134	17.594	ug/l	90
29) Tetrahydrofuran	7.841	42	70179	66.626	ug/l	88
30) Chloroform	7.971	83	94522	18.139	ug/l	93
31) Cyclohexane	8.259	56	56330	13.544	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	85042	20.029	ug/l	98
36) 1,1-Dichloropropene	8.371	75	60679	18.320	ug/l	93
37) Ethyl Acetate	7.565	43	46804	15.408	ug/l	97
38) Carbon Tetrachloride	8.365	117	76186	22.823	ug/l	98
39) Methylcyclohexane	9.606	83	52521	16.849	ug/l #	85
40) Benzene	8.606	78	178954	18.039	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25718	15.944	ug/l	92
42) 1,2-Dichloroethane	8.671	62	76425	22.055	ug/l	95
43) Isopropyl Acetate	8.688	43	82742	15.532	ug/l	95
44) Trichloroethene	9.353	130	43433	17.643	ug/l	88
45) 1,2-Dichloropropane	9.624	63	44547	17.571	ug/l	96
46) Dibromomethane	9.712	93	31978	18.473	ug/l	91
47) Bromodichloromethane	9.888	83	71305	19.314	ug/l	96
48) Methyl methacrylate	9.682	41	36842	15.789	ug/l	88
49) 1,4-Dioxane	9.700	88	13960	338.586	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	237748	79.272	ug/l	96
52) Toluene	10.635	92	111840	19.016	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	71691	19.808	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	75616	19.168	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	44915	18.987	ug/l	97
56) Ethyl methacrylate	10.876	69	61341	18.179	ug/l	91
57) 1,3-Dichloropropane	11.165	76	79158	18.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	158683	92.788	ug/l	94
59) 2-Hexanone	11.200	43	171812	74.885	ug/l	96
60) Dibromochloromethane	11.359	129	55139	21.776	ug/l	98
61) 1,2-Dibromoethane	11.471	107	43552	18.343	ug/l	95
64) Tetrachloroethene	11.106	164	38926	20.146	ug/l	98
65) Chlorobenzene	11.894	112	117611	18.174	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	49063	21.043	ug/l	94
67) Ethyl Benzene	11.965	91	206255	18.294	ug/l	99
68) m/p-Xylenes	12.070	106	155642	37.057	ug/l	87
69) o-Xylene	12.400	106	75587	18.689	ug/l	87
70) Styrene	12.412	104	128010	19.695	ug/l	95
71) Bromoform	12.576	173	36372	21.969	ug/l #	100
73) Isopropylbenzene	12.700	105	198106	17.845	ug/l	98
74) N-amyl acetate	12.494	43	63028	13.007	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	61674	15.669	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54893m	15.984	ug/l	
77) Bromobenzene	12.982	156	50317	18.513	ug/l	99
78) n-propylbenzene	13.035	91	224825	17.685	ug/l	98
79) 2-Chlorotoluene	13.129	91	149546	18.414	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	174118	20.159	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	17516	13.877	ug/l #	73
82) 4-Chlorotoluene	13.223	91	150283	18.622	ug/l	96
83) tert-Butylbenzene	13.441	119	133456	18.876	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	172572	20.307	ug/l	97
85) sec-Butylbenzene	13.617	105	187430	19.134	ug/l	100
86) p-Isopropyltoluene	13.735	119	154978	19.406	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	88880	17.578	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	88199	17.186	ug/l	96
89) n-Butylbenzene	14.059	91	121859	17.716	ug/l	98
90) Hexachloroethane	14.335	117	30412	19.228	ug/l	76
91) 1,2-Dichlorobenzene	14.112	146	87192	18.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11921	17.859	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41747	18.394	ug/l	98
94) Hexachlorobutadiene	15.500	225	23593	22.932	ug/l	99
95) Naphthalene	15.641	128	104419	13.567	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	38775	17.429	ug/l	95

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

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