

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079963.D
 Acq On : 07 Nov 2023 14:34
 Operator : JC\MD
 Sample : VN1107WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:27:44 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	8.224	168	301034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	476433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	268647	58.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.160%			
35) Dibromofluoromethane	8.171	113	202837	53.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	10.571	98	732693	52.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.853	95	258302	56.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70537	19.453	ug/l	97
3) Chloromethane	2.359	50	86704	18.357	ug/l	99
4) Vinyl Chloride	2.512	62	102325	21.558	ug/l	99
5) Bromomethane	2.948	94	53287	18.477	ug/l	96
6) Chloroethane	3.112	64	62732	16.727	ug/l	94
7) Trichlorofluoromethane	3.495	101	120729	20.450	ug/l	98
8) Diethyl Ether	3.959	74	49189	21.957	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.365	101	67562	19.742	ug/l	98
10) Methyl Iodide	4.583	142	76710	19.628	ug/l	96
11) Tert butyl alcohol	5.524	59	72587	123.982	ug/l	100
12) 1,1-Dichloroethene	4.336	96	64346	19.858	ug/l #	76
13) Acrolein	4.177	56	51248	100.470	ug/l	98
14) Allyl chloride	5.024	41	113200	22.809	ug/l #	91
15) Acrylonitrile	5.724	53	219163	120.121	ug/l	99
16) Acetone	4.436	43	187079	116.126	ug/l #	87
17) Carbon Disulfide	4.712	76	166999	17.867	ug/l	99
18) Methyl Acetate	5.024	43	194814	25.276	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	254344	22.799	ug/l	95
20) Methylene Chloride	5.271	84	86192	21.204	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	72637	20.100	ug/l #	78
22) Diisopropyl ether	6.677	45	277058	24.089	ug/l #	90
23) Vinyl Acetate	6.606	43	720214	113.526	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	157233	22.492	ug/l	97
25) 2-Butanone	7.483	43	295355	125.199	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	114734	19.846	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	91637	21.198	ug/l	85
28) Bromochloromethane	7.818	49	79904	23.455	ug/l #	76
29) Tetrahydrofuran	7.841	42	194464	126.699	ug/l #	76
30) Chloroform	7.971	83	163181	21.490	ug/l	97
31) Cyclohexane	8.259	56	120366	19.861	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	134823	21.791	ug/l	97
36) 1,1-Dichloropropene	8.377	75	110814	20.619	ug/l	95
37) Ethyl Acetate	7.565	43	125625	25.487	ug/l #	91
38) Carbon Tetrachloride	8.371	117	115152	21.260	ug/l	94
39) Methylcyclohexane	9.606	83	101110	19.991	ug/l #	85
40) Benzene	8.612	78	347226	21.571	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	67436	25.765	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	133453	23.735	ug/l	97
43) Isopropyl Acetate	8.694	43	209196	24.202	ug/l #	89
44) Trichloroethene	9.353	130	80802	20.229	ug/l	100
45) 1,2-Dichloropropane	9.630	63	94545	22.983	ug/l	99
46) Dibromomethane	9.712	93	63935	22.762	ug/l	95
47) Bromodichloromethane	9.894	83	130484	21.782	ug/l	99
48) Methyl methacrylate	9.688	41	91701	24.220	ug/l #	82
49) 1,4-Dioxane	9.694	88	36121	539.926	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	624059	128.239	ug/l	90
52) Toluene	10.635	92	212051	22.221	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	131998	22.477	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	144488	22.573	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	88818	23.140	ug/l	95
56) Ethyl methacrylate	10.877	69	130840	23.898	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	156645	23.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	306882	110.591	ug/l	90
59) 2-Hexanone	11.200	43	451284	121.222	ug/l	88
60) Dibromochloromethane	11.365	129	89974	21.899	ug/l	97
61) 1,2-Dibromoethane	11.471	107	86632	22.487	ug/l	99
64) Tetrachloroethene	11.106	164	65104	21.099	ug/l	98
65) Chlorobenzene	11.894	112	222207	21.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	83947	22.545	ug/l	98
67) Ethyl Benzene	11.965	91	387946	21.546	ug/l	94
68) m/p-Xylenes	12.076	106	292734	43.643	ug/l	94
69) o-Xylene	12.400	106	140903	21.815	ug/l	93
70) Styrene	12.418	104	235244	22.663	ug/l	97
71) Bromoform	12.582	173	63184	23.897	ug/l #	98
73) Isopropylbenzene	12.700	105	353592	21.480	ug/l	99
74) N-amyl acetate	12.500	43	157546	21.927	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	133110	22.807	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106115m	20.839	ug/l	
77) Bromobenzene	12.982	156	86081	21.359	ug/l	87
78) n-propylbenzene	13.041	91	408374	21.664	ug/l	97
79) 2-Chlorotoluene	13.129	91	263195	21.856	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	290869	22.711	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	37941	20.272	ug/l #	72
82) 4-Chlorotoluene	13.223	91	266083	22.235	ug/l	97
83) tert-Butylbenzene	13.441	119	228667	21.812	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	287787	22.839	ug/l	100
85) sec-Butylbenzene	13.618	105	318353	21.918	ug/l	100
86) p-Isopropyltoluene	13.735	119	259926	21.950	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	157902	21.061	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	159251	20.927	ug/l	99
89) n-Butylbenzene	14.059	91	212516	20.836	ug/l	96
90) Hexachloroethane	14.341	117	50620	21.584	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	156573	22.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23635	23.879	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	69269	20.584	ug/l	97
94) Hexachlorobutadiene	15.506	225	32106	21.046	ug/l	99
95) Naphthalene	15.647	128	224731	19.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	69332	21.018	ug/l	98

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

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