

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076341.D
 Acq On : 20 Jan 2023 12:25
 Operator : JC\MD
 Sample : VN0120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	359856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206739	51.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.177	113	184544	51.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.571	98	674666	51.425	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.853	95	228736	53.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66768	18.106	ug/l	96
3) Chloromethane	2.371	50	65995	17.285	ug/l	92
4) Vinyl Chloride	2.530	62	85700	18.305	ug/l	99
5) Bromomethane	2.971	94	71845	18.739	ug/l	95
6) Chloroethane	3.130	64	66521	18.949	ug/l	92
7) Trichlorofluoromethane	3.506	101	115837	17.985	ug/l	98
8) Diethyl Ether	3.977	74	41649	19.279	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	68231	18.713	ug/l	99
10) Methyl Iodide	4.600	142	101336	18.195	ug/l	98
11) Tert butyl alcohol	5.530	59	52593	97.586	ug/l	99
12) 1,1-Dichloroethene	4.353	96	59882	17.373	ug/l	91
13) Acrolein	4.195	56	64851	100.619	ug/l	98
14) Allyl chloride	5.042	41	80012	19.920	ug/l	90
15) Acrylonitrile	5.730	53	145034	94.568	ug/l	99
16) Acetone	4.442	43	117609	91.006	ug/l	98
17) Carbon Disulfide	4.730	76	139789	16.288	ug/l	98
18) Methyl Acetate	5.042	43	81064	18.519	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	222856	19.861	ug/l	99
20) Methylene Chloride	5.289	84	79552	20.458	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	67122	17.976	ug/l	93
22) Diisopropyl ether	6.683	45	182192	19.234	ug/l	94
23) Vinyl Acetate	6.612	43	605204	98.859	ug/l	99
24) 1,1-Dichloroethane	6.583	63	115870	18.351	ug/l	98
25) 2-Butanone	7.489	43	181956	92.235	ug/l	96
26) 2,2-Dichloropropane	7.500	77	100204	18.830	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	81172	18.638	ug/l	100
28) Bromochloromethane	7.818	49	52249	20.416	ug/l	97
29) Tetrahydrofuran	7.847	42	117556	96.551	ug/l	99
30) Chloroform	7.971	83	131113	18.767	ug/l	99
31) Cyclohexane	8.265	56	107403	17.352	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	118127	18.519	ug/l	92
36) 1,1-Dichloropropene	8.377	75	91550	18.136	ug/l	100
37) Ethyl Acetate	7.571	43	79109	19.561	ug/l	99
38) Carbon Tetrachloride	8.371	117	105471	18.736	ug/l	98
39) Methylcyclohexane	9.606	83	117793	19.109	ug/l	96
40) Benzene	8.612	78	283795	18.802	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39355	18.564	ug/l	95
42) 1,2-Dichloroethane	8.677	62	100512	19.463	ug/l	99
43) Isopropyl Acetate	8.694	43	126721	19.239	ug/l	100
44) Trichloroethene	9.359	130	76703	17.967	ug/l	99
45) 1,2-Dichloropropane	9.624	63	69462	19.221	ug/l	97
46) Dibromomethane	9.712	93	51505	18.877	ug/l	98
47) Bromodichloromethane	9.894	83	103221	19.505	ug/l	97
48) Methyl methacrylate	9.682	41	59243	18.999	ug/l	97
49) 1,4-Dioxane	9.700	88	27154	412.692	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	382537	98.932	ug/l	100
52) Toluene	10.635	92	187153	18.541	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	100015	19.826	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	112409	19.368	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	75047	19.451	ug/l	97
56) Ethyl methacrylate	10.877	69	104247	20.929	ug/l	99
57) 1,3-Dichloropropane	11.165	76	120714	19.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	150219	89.332	ug/l	98
59) 2-Hexanone	11.200	43	274893	98.106	ug/l	100
60) Dibromochloromethane	11.365	129	82222	20.244	ug/l	100
61) 1,2-Dibromoethane	11.471	107	74612	19.374	ug/l	99
64) Tetrachloroethene	11.106	164	84550	18.380	ug/l	96
65) Chlorobenzene	11.894	112	202417	18.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	78380	19.537	ug/l	98
67) Ethyl Benzene	11.965	91	351745	19.060	ug/l	98
68) m/p-Xylenes	12.071	106	282887	38.228	ug/l	99
69) o-Xylene	12.400	106	139665	19.219	ug/l	97
70) Styrene	12.412	104	225404	19.426	ug/l	99
71) Bromoform	12.576	173	57383	19.806	ug/l #	100
73) Isopropylbenzene	12.700	105	365948	19.861	ug/l	100
74) N-amyl acetate	12.500	43	103656	19.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	102001	19.257	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90078m	20.195	ug/l	
77) Bromobenzene	12.982	156	86603	19.764	ug/l	99
78) n-propylbenzene	13.041	91	403966	19.431	ug/l	100
79) 2-Chlorotoluene	13.129	91	243812	19.111	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	304105	19.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	26297	18.370	ug/l	97
82) 4-Chlorotoluene	13.129	91	243812	19.111	ug/l	99
83) tert-Butylbenzene	13.441	119	279577	20.364	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	306434	19.798	ug/l	98
85) sec-Butylbenzene	13.618	105	376667	19.772	ug/l	100
86) p-Isopropyltoluene	13.735	119	317969	20.298	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	157388	18.123	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	155032	18.829	ug/l	98
89) n-Butylbenzene	14.059	91	241448	19.416	ug/l	100
90) Hexachloroethane	14.335	117	51584	19.079	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	156897	18.139	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18299	19.874	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	73264	18.377	ug/l	98
94) Hexachlorobutadiene	15.506	225	41004	17.864	ug/l	98
95) Naphthalene	15.647	128	219791	18.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70926	18.546	ug/l	99

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

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