

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076233.D
 Acq On : 12 Jan 2023 16:47
 Operator : JC\MD
 Sample : VN0112WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD02

Quant Time: Jan 13 05:19:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	316695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173813	50.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.900%			
35) Dibromofluoromethane	8.171	113	157487	50.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.571	98	547928	46.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.180%			
62) 4-Bromofluorobenzene	12.853	95	190581	48.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	54172	24.091	ug/l	98
3) Chloromethane	2.371	50	54107	19.351	ug/l	96
4) Vinyl Chloride	2.530	62	65240	19.560	ug/l	100
5) Bromomethane	2.965	94	54997	19.402	ug/l	93
6) Chloroethane	3.130	64	48695	19.715	ug/l	98
7) Trichlorofluoromethane	3.512	101	97212	19.208	ug/l	100
8) Diethyl Ether	3.977	74	39081	21.142	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	56029	19.387	ug/l	99
10) Methyl Iodide	4.600	142	86320	18.405	ug/l	99
11) Tert butyl alcohol	5.536	59	43429	89.083	ug/l	98
12) 1,1-Dichloroethene	4.353	96	51767	18.443	ug/l	93
13) Acrolein	4.189	56	63200	105.743	ug/l	99
14) Allyl chloride	5.036	41	60697	18.499	ug/l	90
15) Acrylonitrile	5.730	53	131773	99.048	ug/l	98
16) Acetone	4.442	43	103228	86.916	ug/l	96
17) Carbon Disulfide	4.724	76	110632	16.279	ug/l	100
18) Methyl Acetate	5.036	43	76581	21.814	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	204784	22.155	ug/l	97
20) Methylene Chloride	5.289	84	64145	19.803	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	56465	18.369	ug/l	90
22) Diisopropyl ether	6.683	45	164325	20.616	ug/l	98
23) Vinyl Acetate	6.612	43	500428	93.277	ug/l	98
24) 1,1-Dichloroethane	6.577	63	104830	19.720	ug/l	99
25) 2-Butanone	7.494	43	162533	97.737	ug/l	95
26) 2,2-Dichloropropane	7.494	77	78036	17.335	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	69709	18.961	ug/l	96
28) Bromochloromethane	7.818	49	46193	19.826	ug/l	100
29) Tetrahydrofuran	7.841	42	101817	97.700	ug/l	98
30) Chloroform	7.971	83	114576	19.143	ug/l	93
31) Cyclohexane	8.265	56	89261	18.090	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	99797	18.808	ug/l	98
36) 1,1-Dichloropropene	8.377	75	76551	18.320	ug/l	98
37) Ethyl Acetate	7.565	43	71517	21.308	ug/l	96
38) Carbon Tetrachloride	8.371	117	85863	18.360	ug/l	97
39) Methylcyclohexane	9.606	83	96713	19.185	ug/l	98
40) Benzene	8.612	78	246606	19.128	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	36177	20.736	ug/l	97
42) 1,2-Dichloroethane	8.677	62	86632	20.212	ug/l	100
43) Isopropyl Acetate	8.694	43	111592	20.155	ug/l	99
44) Trichloroethene	9.359	130	68245	18.790	ug/l	96
45) 1,2-Dichloropropane	9.624	63	61056	19.462	ug/l	95
46) Dibromomethane	9.712	93	45537	19.570	ug/l	98
47) Bromodichloromethane	9.894	83	87925	19.268	ug/l #	97
48) Methyl methacrylate	9.682	41	53342	21.391	ug/l	97
49) 1,4-Dioxane	9.694	88	22256	363.040	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	343799	102.678	ug/l	99
52) Toluene	10.629	92	160838	19.156	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	85353	19.108	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	96318	19.639	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	65810	19.969	ug/l	99
56) Ethyl methacrylate	10.876	69	90201	20.606	ug/l	97
57) 1,3-Dichloropropane	11.165	76	107956	19.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	167476	120.166	ug/l	99
59) 2-Hexanone	11.200	43	245269	100.445	ug/l	98
60) Dibromochloromethane	11.359	129	71780	19.585	ug/l	99
61) 1,2-Dibromoethane	11.470	107	65685	19.695	ug/l	99
64) Tetrachloroethene	11.106	164	78338	24.848	ug/l	97
65) Chlorobenzene	11.894	112	172222	18.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	65456	19.217	ug/l	99
67) Ethyl Benzene	11.965	91	297805	19.188	ug/l	96
68) m/p-Xylenes	12.076	106	240001	39.070	ug/l	99
69) o-Xylene	12.400	106	119687	19.688	ug/l	99
70) Styrene	12.412	104	193020	19.969	ug/l	99
71) Bromoform	12.582	173	48325	19.498	ug/l #	97
73) Isopropylbenzene	12.700	105	306332	19.914	ug/l	99
74) N-amyl acetate	12.494	43	90156	19.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	86992	18.294	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	81634m	19.025	ug/l	
77) Bromobenzene	12.982	156	75239	19.327	ug/l	96
78) n-propylbenzene	13.035	91	340903	20.093	ug/l	99
79) 2-Chlorotoluene	13.129	91	208536	19.690	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	258000	20.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25871	21.703	ug/l #	93
82) 4-Chlorotoluene	13.129	91	208536	19.690	ug/l	100
83) tert-Butylbenzene	13.441	119	233856	20.602	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	259903	20.350	ug/l	99
85) sec-Butylbenzene	13.617	105	314398	20.067	ug/l	98
86) p-Isopropyltoluene	13.729	119	265289	20.350	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136085	18.924	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	135526	18.449	ug/l	99
89) n-Butylbenzene	14.059	91	205414	19.450	ug/l	99
90) Hexachloroethane	14.335	117	43523	18.664	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	137054	19.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15201	18.015	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	65290	18.619	ug/l	100
94) Hexachlorobutadiene	15.500	225	34558	18.063	ug/l	97
95) Naphthalene	15.647	128	196737	18.420	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	63518	19.380	ug/l	97

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

