

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076313.D
 Acq On : 19 Jan 2023 11:08
 Operator : JC\MD
 Sample : VN0119WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

Quant Time: Jan 20 00:51:16 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	427427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	590475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226348	47.295	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.600%		
35) Dibromofluoromethane	8.171	113	205365	49.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.320%		
50) Toluene-d8	10.571	98	763343	49.477	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.853	95	253383	50.309	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76778	17.529	ug/l	98
3) Chloromethane	2.377	50	75619	16.674	ug/l	100
4) Vinyl Chloride	2.530	62	99458	17.886	ug/l	99
5) Bromomethane	2.959	94	88709	19.480	ug/l	98
6) Chloroethane	3.124	64	83225	19.959	ug/l	96
7) Trichlorofluoromethane	3.512	101	130117	17.008	ug/l	99
8) Diethyl Ether	3.977	74	44535	17.356	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	73142	16.889	ug/l	99
10) Methyl Iodide	4.606	142	109995	16.627	ug/l	99
11) Tert butyl alcohol	5.530	59	51067	79.775	ug/l	99
12) 1,1-Dichloroethene	4.359	96	69055	16.867	ug/l	98
13) Acrolein	4.195	56	75462	98.573	ug/l	98
14) Allyl chloride	5.036	41	78025	16.354	ug/l	99
15) Acrylonitrile	5.730	53	148820	81.696	ug/l	98
16) Acetone	4.442	43	132809	86.518	ug/l	98
17) Carbon Disulfide	4.730	76	155771	15.281	ug/l	99
18) Methyl Acetate	5.042	43	82711	15.908	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	231593	17.376	ug/l	96
20) Methylene Chloride	5.289	84	82536	17.793	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	73034	16.467	ug/l	94
22) Diisopropyl ether	6.683	45	193992	17.242	ug/l	98
23) Vinyl Acetate	6.618	43	600161	82.537	ug/l	99
24) 1,1-Dichloroethane	6.583	63	127643	17.020	ug/l	97
25) 2-Butanone	7.488	43	187060	79.832	ug/l	93
26) 2,2-Dichloropropane	7.494	77	109373	17.303	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	86253	16.674	ug/l	99
28) Bromochloromethane	7.818	49	51473	16.933	ug/l	100
29) Tetrahydrofuran	7.847	42	120644	83.423	ug/l	99
30) Chloroform	7.971	83	139941	16.864	ug/l	99
31) Cyclohexane	8.271	56	118367	16.100	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	132442	17.481	ug/l	90
36) 1,1-Dichloropropene	8.377	75	101569	17.110	ug/l	100
37) Ethyl Acetate	7.565	43	79246	16.668	ug/l	98
38) Carbon Tetrachloride	8.365	117	114338	17.272	ug/l	100
39) Methylcyclohexane	9.606	83	127429	17.579	ug/l	96
40) Benzene	8.612	78	308710	17.392	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40858	16.389	ug/l	96
42) 1,2-Dichloroethane	8.677	62	104773	17.252	ug/l	100
43) Isopropyl Acetate	8.694	43	130297	16.822	ug/l	98
44) Trichloroethene	9.353	130	87966	17.522	ug/l	97
45) 1,2-Dichloropropane	9.624	63	71989	16.940	ug/l	98
46) Dibromomethane	9.712	93	55208	17.206	ug/l	98
47) Bromodichloromethane	9.888	83	106935	17.183	ug/l	97
48) Methyl methacrylate	9.682	41	59673	16.273	ug/l	98
49) 1,4-Dioxane	9.694	88	27654	357.401	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	392629	86.348	ug/l	99
52) Toluene	10.635	92	205942	17.350	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	106538	17.959	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	118099	17.304	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	78224	17.241	ug/l	98
56) Ethyl methacrylate	10.876	69	106311	18.149	ug/l	99
57) 1,3-Dichloropropane	11.165	76	129622	17.580	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	158710	80.259	ug/l	98
59) 2-Hexanone	11.200	43	282065	85.602	ug/l	99
60) Dibromochloromethane	11.359	129	87035	18.223	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79458	17.545	ug/l	99
64) Tetrachloroethene	11.106	164	93876	17.629	ug/l	99
65) Chlorobenzene	11.894	112	219286	17.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	82451	17.754	ug/l	98
67) Ethyl Benzene	11.965	91	385837	18.061	ug/l	100
68) m/p-Xylenes	12.070	106	313965	36.652	ug/l	99
69) o-Xylene	12.400	106	153974	18.304	ug/l	99
70) Styrene	12.412	104	244002	18.166	ug/l	100
71) Bromoform	12.582	173	59828	17.839	ug/l #	98
73) Isopropylbenzene	12.700	105	397470	19.308	ug/l	99
74) N-amyl acetate	12.494	43	109166	18.436	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	105852	17.887	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	95931m	19.205	ug/l	
77) Bromobenzene	12.982	156	96204	19.648	ug/l	96
78) n-propylbenzene	13.035	91	439825	18.935	ug/l	100
79) 2-Chlorotoluene	13.129	91	264593	18.563	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	335455	19.451	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27453	17.165	ug/l	95
82) 4-Chlorotoluene	13.129	91	264593	18.563	ug/l	99
83) tert-Butylbenzene	13.441	119	305897	19.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	328962	19.023	ug/l	100
85) sec-Butylbenzene	13.617	105	407832	19.161	ug/l	99
86) p-Isopropyltoluene	13.735	119	341115	19.490	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	167019	17.214	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	168399	18.309	ug/l	98
89) n-Butylbenzene	14.059	91	254322	18.305	ug/l	100
90) Hexachloroethane	14.335	117	55940	18.519	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	167258	17.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15985	15.539	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	72509	16.428	ug/l	98
94) Hexachlorobutadiene	15.506	225	41449	16.163	ug/l	96
95) Naphthalene	15.641	128	204540	16.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70151	16.551	ug/l	99

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

