

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076486.D
 Acq On : 31 Jan 2023 17:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 01 00:51:02 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 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	441905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	648392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	336000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264274	53.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	8.171	113	233089	51.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	10.570	98	849878	51.322	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.847	95	319796	59.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	195751	43.227	ug/l	97
3) Chloromethane	2.377	50	236956	50.538	ug/l	95
4) Vinyl Chloride	2.530	62	290198	50.477	ug/l	99
5) Bromomethane	2.953	94	185404	39.380	ug/l	98
6) Chloroethane	3.124	64	177759	41.234	ug/l	99
7) Trichlorofluoromethane	3.506	101	372948	47.152	ug/l	96
8) Diethyl Ether	3.971	74	132363	49.893	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	206958	46.221	ug/l	98
10) Methyl Iodide	4.600	142	315930	46.193	ug/l	97
11) Tert butyl alcohol	5.535	59	194734	294.241	ug/l	100
12) 1,1-Dichloroethene	4.353	96	194311	45.908	ug/l	94
13) Acrolein	4.194	56	187121	236.421	ug/l	98
14) Allyl chloride	5.035	41	235578	47.760	ug/l	98
15) Acrylonitrile	5.730	53	462030	245.326	ug/l	100
16) Acetone	4.441	43	408256	257.389	ug/l	100
17) Carbon Disulfide	4.724	76	397316	37.700	ug/l	100
18) Methyl Acetate	5.035	43	268010	49.858	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	703955	51.087	ug/l	98
20) Methylene Chloride	5.282	84	217661	46.331	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	204985	44.704	ug/l	97
22) Diisopropyl ether	6.682	45	595419	51.188	ug/l	98
23) Vinyl Acetate	6.612	43	1973569	262.522	ug/l	99
24) 1,1-Dichloroethane	6.582	63	374376	48.284	ug/l	98
25) 2-Butanone	7.488	43	601445	248.270	ug/l	95
26) 2,2-Dichloropropane	7.500	77	334359	51.165	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	256796	48.017	ug/l	98
28) Bromochloromethane	7.818	49	155067	49.341	ug/l	99
29) Tetrahydrofuran	7.841	42	378373	253.066	ug/l	99
30) Chloroform	7.971	83	429674	50.082	ug/l	97
31) Cyclohexane	8.265	56	301173	39.624	ug/l	95
32) 1,1,1-Trichloroethane	8.176	97	394232	50.330	ug/l	96
36) 1,1-Dichloropropene	8.376	75	290535	45.598	ug/l	99
37) Ethyl Acetate	7.571	43	242151	47.384	ug/l	99
38) Carbon Tetrachloride	8.365	117	344058	48.423	ug/l	98
39) Methylcyclohexane	9.606	83	351867	45.222	ug/l	99
40) Benzene	8.612	78	886198	46.514	ug/l	100

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41) Methacrylonitrile	7.782	41	136440	50.989	ug/l	98
42) 1,2-Dichloroethane	8.671	62	328037	50.323	ug/l	98
43) Isopropyl Acetate	8.694	43	421335	50.678	ug/l	99
44) Trichloroethene	9.353	130	241389	44.797	ug/l	98
45) 1,2-Dichloropropane	9.623	63	217408	47.662	ug/l	99
46) Dibromomethane	9.712	93	164824	47.859	ug/l	99
47) Bromodichloromethane	9.888	83	342650	51.298	ug/l	98
48) Methyl methacrylate	9.682	41	201301	51.144	ug/l	97
49) 1,4-Dioxane	9.694	88	88493	1065.527	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1277267	261.703	ug/l	99
52) Toluene	10.629	92	601304	47.195	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	345559	54.268	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	372432	50.839	ug/l	98
55) 1,1,2-Trichloroethane	11.017	97	239633	49.206	ug/l	97
56) Ethyl methacrylate	10.876	69	352243	56.025	ug/l	97
57) 1,3-Dichloropropane	11.164	76	387689	48.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	543543	256.082	ug/l	100
59) 2-Hexanone	11.200	43	936407	264.764	ug/l	100
60) Dibromochloromethane	11.359	129	277223	54.076	ug/l	99
61) 1,2-Dibromoethane	11.470	107	245081	50.417	ug/l	99
64) Tetrachloroethene	11.106	164	229664	39.277	ug/l	96
65) Chlorobenzene	11.894	112	651522	47.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	256911	50.379	ug/l	99
67) Ethyl Benzene	11.964	91	1191752	50.804	ug/l	99
68) m/p-Xylenes	12.070	106	943266	100.281	ug/l	99
69) o-Xylene	12.400	106	469530	50.830	ug/l	96
70) Styrene	12.411	104	787226	53.374	ug/l	98
71) Bromoform	12.582	173	201769	54.787	ug/l #	100
73) Isopropylbenzene	12.700	105	1270094	48.863	ug/l	99
74) N-amyl acetate	12.494	43	387066	51.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	352004	47.108	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	311244m	50.864	ug/l	
77) Bromobenzene	12.982	156	291222	47.898	ug/l	98
78) n-propylbenzene	13.035	91	1432862	48.855	ug/l	99
79) 2-Chlorotoluene	13.129	91	864503	48.035	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1101421	50.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	99759	49.399	ug/l	95
82) 4-Chlorotoluene	13.129	91	864503	48.035	ug/l	99
83) tert-Butylbenzene	13.441	119	975557	50.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1101399	50.441	ug/l	99
85) sec-Butylbenzene	13.617	105	1379943	51.348	ug/l	99
86) p-Isopropyltoluene	13.729	119	1170192	52.952	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	569929	46.520	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	568501	48.783	ug/l	99
89) n-Butylbenzene	14.058	91	948363	54.059	ug/l	98
90) Hexachloroethane	14.335	117	195329	51.212	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	576197	47.220	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	69358	53.398	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	282723	48.004	ug/l	98
94) Hexachlorobutadiene	15.505	225	146840	45.347	ug/l	100
95) Naphthalene	15.641	128	867031	49.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	271621	48.368	ug/l	98

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

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