

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076236.D
 Acq On : 13 Jan 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 16 01:01:25 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 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	362452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	512177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	184827	46.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	8.171	113	167688	47.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	10.570	98	604348	45.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.853	95	214345	48.992	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	153902	59.802	ug/l	99
3) Chloromethane	2.371	50	149854	46.827	ug/l	97
4) Vinyl Chloride	2.524	62	188099	49.276	ug/l	96
5) Bromomethane	2.947	94	163650	50.444	ug/l	100
6) Chloroethane	3.124	64	145362	51.422	ug/l	99
7) Trichlorofluoromethane	3.506	101	277016	47.825	ug/l	96
8) Diethyl Ether	3.977	74	98746	46.675	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	160230	48.444	ug/l	99
10) Methyl Iodide	4.594	142	241911	45.067	ug/l	99
11) Tert butyl alcohol	5.541	59	122014	218.683	ug/l	100
12) 1,1-Dichloroethene	4.353	96	145641	45.338	ug/l	93
13) Acrolein	4.194	56	102167	149.361	ug/l	100
14) Allyl chloride	5.036	41	193523	51.534	ug/l	98
15) Acrylonitrile	5.736	53	361219	237.236	ug/l	100
16) Acetone	4.436	43	320799	236.007	ug/l	96
17) Carbon Disulfide	4.724	76	330053	42.435	ug/l	99
18) Methyl Acetate	5.041	43	203461	50.639	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	524499	49.581	ug/l	95
20) Methylene Chloride	5.288	84	171234	47.054	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	158594	45.080	ug/l	96
22) Diisopropyl ether	6.683	45	448538	49.169	ug/l	99
23) Vinyl Acetate	6.612	43	1463089	238.285	ug/l	98
24) 1,1-Dichloroethane	6.583	63	285372	46.906	ug/l	98
25) 2-Butanone	7.488	43	470142	247.022	ug/l	97
26) 2,2-Dichloropropane	7.500	77	242421	47.052	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	196829	46.780	ug/l	97
28) Bromochloromethane	7.824	49	113189	42.447	ug/l	97
29) Tetrahydrofuran	7.841	42	293526	246.101	ug/l	98
30) Chloroform	7.971	83	316134	46.151	ug/l	96
31) Cyclohexane	8.265	56	246948	43.729	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	287445	47.333	ug/l	99
36) 1,1-Dichloropropene	8.377	75	225730	48.097	ug/l	99
37) Ethyl Acetate	7.571	43	190598	50.559	ug/l	97
38) Carbon Tetrachloride	8.371	117	255695	48.678	ug/l	98
39) Methylcyclohexane	9.606	83	286048	50.521	ug/l	99
40) Benzene	8.612	78	680957	47.027	ug/l	100

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41) Methacrylonitrile	7.788	41	100860	51.472	ug/l	98
42) 1,2-Dichloroethane	8.677	62	231734	48.137	ug/l	100
43) Isopropyl Acetate	8.694	43	315224	50.691	ug/l	99
44) Trichloroethene	9.359	130	187451	45.951	ug/l	97
45) 1,2-Dichloropropane	9.623	63	166389	47.220	ug/l	98
46) Dibromomethane	9.712	93	123728	47.342	ug/l	99
47) Bromodichloromethane	9.894	83	245456	47.892	ug/l	99
48) Methyl methacrylate	9.682	41	147186	52.552	ug/l	98
49) 1,4-Dioxane	9.700	88	65952	957.833	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	969509	257.799	ug/l	98
52) Toluene	10.635	92	454765	48.222	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	249600	49.751	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	276921	50.273	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	180561	48.780	ug/l	97
56) Ethyl methacrylate	10.876	69	255346	51.935	ug/l	98
57) 1,3-Dichloropropane	11.165	76	297947	49.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	433684	277.049	ug/l	99
59) 2-Hexanone	11.200	43	705291	257.164	ug/l	98
60) Dibromochloromethane	11.359	129	203031	49.322	ug/l	100
61) 1,2-Dibromoethane	11.470	107	180290	48.131	ug/l	99
64) Tetrachloroethene	11.106	164	186494	51.745	ug/l	98
65) Chlorobenzene	11.894	112	482883	45.935	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	186663	47.939	ug/l	98
67) Ethyl Benzene	11.965	91	871079	49.097	ug/l	99
68) m/p-Xylenes	12.076	106	698211	99.427	ug/l	100
69) o-Xylene	12.400	106	342275	49.253	ug/l	99
70) Styrene	12.417	104	566778	51.295	ug/l	99
71) Bromoform	12.582	173	146256	51.620	ug/l #	100
73) Isopropylbenzene	12.700	105	894374	47.682	ug/l	100
74) N-amyl acetate	12.500	43	270767	49.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	255706	44.098	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	228018m	43.580	ug/l	
77) Bromobenzene	12.982	156	214269	45.138	ug/l	98
78) n-propylbenzene	13.041	91	1026889	49.637	ug/l	99
79) 2-Chlorotoluene	13.129	91	600146	46.472	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	759069	48.352	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	73916	50.851	ug/l	97
82) 4-Chlorotoluene	13.129	91	600146	46.472	ug/l	100
83) tert-Butylbenzene	13.441	119	690036	49.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	771765	49.555	ug/l	98
85) sec-Butylbenzene	13.617	105	969117	50.728	ug/l	99
86) p-Isopropyltoluene	13.735	119	820411	51.610	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	404094	46.084	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	401949	44.872	ug/l	100
89) n-Butylbenzene	14.059	91	668163	51.883	ug/l	100
90) Hexachloroethane	14.335	117	138752	48.795	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	402490	46.600	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47090	45.767	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	201948	47.228	ug/l	99
94) Hexachlorobutadiene	15.505	225	107502	46.080	ug/l	100
95) Naphthalene	15.647	128	587139	41.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	194013	48.545	ug/l	99

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

