

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076310.D
 Acq On : 19 Jan 2023 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 00:49:14 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	392630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	628865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	562362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213603	48.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.171	113	191137	48.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.571	98	715023	49.217	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.853	95	248878	52.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	184943	45.966	ug/l	97
3) Chloromethane	2.371	50	182312	43.764	ug/l	98
4) Vinyl Chloride	2.530	62	228511	44.735	ug/l	96
5) Bromomethane	2.948	94	202581	48.429	ug/l	98
6) Chloroethane	3.118	64	176331	46.036	ug/l	99
7) Trichlorofluoromethane	3.506	101	340146	48.402	ug/l	96
8) Diethyl Ether	3.971	74	114781	48.696	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	182627	45.906	ug/l	99
10) Methyl Iodide	4.600	142	291505	47.971	ug/l	99
11) Tert butyl alcohol	5.536	59	131076	222.910	ug/l	99
12) 1,1-Dichloroethene	4.353	96	173881	46.237	ug/l	97
13) Acrolein	4.189	56	154205	219.284	ug/l	99
14) Allyl chloride	5.036	41	202499	46.206	ug/l	98
15) Acrylonitrile	5.736	53	368261	220.077	ug/l	98
16) Acetone	4.442	43	330563	234.555	ug/l	100
17) Carbon Disulfide	4.724	76	399505	42.665	ug/l	99
18) Methyl Acetate	5.036	43	202159	42.327	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	595556	48.645	ug/l	96
20) Methylene Chloride	5.289	84	198087	47.471	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	185869	45.622	ug/l	99
22) Diisopropyl ether	6.683	45	498933	48.276	ug/l	97
23) Vinyl Acetate	6.612	43	1596379	238.998	ug/l	98
24) 1,1-Dichloroethane	6.577	63	319243	46.340	ug/l	97
25) 2-Butanone	7.488	43	476309	221.290	ug/l	98
26) 2,2-Dichloropropane	7.500	77	280077	48.237	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	222299	46.783	ug/l	100
28) Bromochloromethane	7.818	49	136502	48.885	ug/l	98
29) Tetrahydrofuran	7.847	42	299798	225.677	ug/l	100
30) Chloroform	7.971	83	360053	47.234	ug/l	97
31) Cyclohexane	8.265	56	280918	41.597	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	326569	46.924	ug/l	95
36) 1,1-Dichloropropene	8.377	75	259681	46.456	ug/l	99
37) Ethyl Acetate	7.565	43	195163	43.533	ug/l	97
38) Carbon Tetrachloride	8.371	117	290120	46.542	ug/l	100
39) Methylcyclohexane	9.606	83	336271	49.262	ug/l	99
40) Benzene	8.612	78	781620	46.763	ug/l	100

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41) Methacrylonitrile	7.788	41	106858	45.518	ug/l	96
42) 1,2-Dichloroethane	8.677	62	262052	45.823	ug/l	99
43) Isopropyl Acetate	8.694	43	339844	46.593	ug/l	99
44) Trichloroethene	9.353	130	220833	46.713	ug/l	99
45) 1,2-Dichloropropane	9.624	63	188166	47.020	ug/l	98
46) Dibromomethane	9.712	93	141940	46.978	ug/l	100
47) Bromodichloromethane	9.888	83	281458	48.030	ug/l	99
48) Methyl methacrylate	9.682	41	158509	45.904	ug/l	100
49) 1,4-Dioxane	9.700	88	71243	977.790	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	982704	229.508	ug/l	100
52) Toluene	10.629	92	515260	46.098	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	287723	51.505	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	314987	49.011	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	200131	46.842	ug/l	97
56) Ethyl methacrylate	10.876	69	280201	50.799	ug/l	98
57) 1,3-Dichloropropane	11.165	76	323044	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	463632	248.981	ug/l	99
59) 2-Hexanone	11.200	43	717462	231.229	ug/l	99
60) Dibromochloromethane	11.365	129	229610	51.052	ug/l	98
61) 1,2-Dibromoethane	11.471	107	206789	48.489	ug/l	98
64) Tetrachloroethene	11.106	164	232220	45.790	ug/l	98
65) Chlorobenzene	11.894	112	560996	47.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	212360	48.013	ug/l	99
67) Ethyl Benzene	11.965	91	999644	49.134	ug/l	100
68) m/p-Xylenes	12.071	106	809982	99.284	ug/l	98
69) o-Xylene	12.400	106	394766	49.274	ug/l	100
70) Styrene	12.412	104	647773	50.638	ug/l	99
71) Bromoform	12.582	173	161924	50.694	ug/l #	100
73) Isopropylbenzene	12.700	105	1034132	47.897	ug/l	99
74) N-amyl acetate	12.500	43	290810	46.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	270743	43.621	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	247707m	48.694	ug/l	
77) Bromobenzene	12.982	156	247058	48.931	ug/l	97
78) n-propylbenzene	13.041	91	1168814	47.977	ug/l	100
79) 2-Chlorotoluene	13.129	91	685095	45.828	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	875503	48.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	78565	46.837	ug/l	98
82) 4-Chlorotoluene	13.129	91	685095	45.828	ug/l	100
83) tert-Butylbenzene	13.441	119	792583	49.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	877139	48.361	ug/l	100
85) sec-Butylbenzene	13.617	105	1088913	48.780	ug/l	99
86) p-Isopropyltoluene	13.729	119	933707	50.865	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463238	45.521	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	462264	47.757	ug/l	100
89) n-Butylbenzene	14.059	91	761530	52.260	ug/l	99
90) Hexachloroethane	14.335	117	155289	49.015	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	460310	45.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49244	45.643	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	236731	48.380	ug/l	100
94) Hexachlorobutadiene	15.506	225	124388	46.246	ug/l	98
95) Naphthalene	15.641	128	644839	44.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	219895	47.170	ug/l	98

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

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