

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076335.D
 Acq On : 19 Jan 2023 20:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 01:03:30 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	439413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	623163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	301777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240446	48.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.740%		
35) Dibromofluoromethane	8.177	113	214990	48.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	10.571	98	808612	49.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.853	95	281191	52.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	196188	43.569	ug/l	98
3) Chloromethane	2.371	50	193418	41.487	ug/l	94
4) Vinyl Chloride	2.524	62	269619	47.163	ug/l	99
5) Bromomethane	2.948	94	207469	44.317	ug/l	99
6) Chloroethane	3.124	64	185788	43.341	ug/l	100
7) Trichlorofluoromethane	3.512	101	334873	42.578	ug/l	100
8) Diethyl Ether	3.977	74	120762	45.779	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	183055	41.115	ug/l	99
10) Methyl Iodide	4.606	142	298944	43.957	ug/l	99
11) Tert butyl alcohol	5.536	59	148902	226.265	ug/l	100
12) 1,1-Dichloroethene	4.353	96	178743	42.469	ug/l	91
13) Acrolein	4.189	56	164847	209.460	ug/l	98
14) Allyl chloride	5.036	41	202468	41.280	ug/l	98
15) Acrylonitrile	5.736	53	402837	215.109	ug/l	99
16) Acetone	4.442	43	321485	203.817	ug/l	100
17) Carbon Disulfide	4.724	76	401939	38.354	ug/l	99
18) Methyl Acetate	5.036	43	222453	41.618	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	630980	46.051	ug/l	98
20) Methylene Chloride	5.289	84	205635	43.989	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	188456	41.332	ug/l	100
22) Diisopropyl ether	6.683	45	517619	44.752	ug/l	98
23) Vinyl Acetate	6.612	43	1700324	227.458	ug/l	100
24) 1,1-Dichloroethane	6.583	63	330206	42.829	ug/l	98
25) 2-Butanone	7.488	43	508735	211.191	ug/l	97
26) 2,2-Dichloropropane	7.500	77	245553	37.788	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	231735	43.576	ug/l	98
28) Bromochloromethane	7.824	49	157553	50.417	ug/l	99
29) Tetrahydrofuran	7.847	42	331463	222.949	ug/l	99
30) Chloroform	7.971	83	377279	44.224	ug/l	98
31) Cyclohexane	8.265	56	285944	37.833	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	341489	43.844	ug/l	95
36) 1,1-Dichloropropene	8.377	75	263486	42.016	ug/l	99
37) Ethyl Acetate	7.571	43	218695	43.482	ug/l	99
38) Carbon Tetrachloride	8.371	117	296164	42.350	ug/l	99
39) Methylcyclohexane	9.606	83	336809	43.980	ug/l	97
40) Benzene	8.612	78	799849	42.655	ug/l	100

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41) Methacrylonitrile	7.783	41	113330	43.031	ug/l	95
42) 1,2-Dichloroethane	8.677	62	280031	43.647	ug/l	100
43) Isopropyl Acetate	8.694	43	372269	45.494	ug/l	99
44) Trichloroethene	9.359	130	225258	42.473	ug/l	97
45) 1,2-Dichloropropane	9.624	63	194514	43.326	ug/l	96
46) Dibromomethane	9.712	93	150269	44.331	ug/l	98
47) Bromodichloromethane	9.894	83	293523	44.647	ug/l	98
48) Methyl methacrylate	9.682	41	175834	45.389	ug/l	99
49) 1,4-Dioxane	9.700	88	74579	912.374	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1109041	230.874	ug/l	100
52) Toluene	10.635	92	539715	43.040	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	291776	46.556	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	321462	44.584	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	209975	43.807	ug/l	97
56) Ethyl methacrylate	10.876	69	311505	50.339	ug/l	99
57) 1,3-Dichloropropane	11.165	76	346070	44.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	507141	242.759	ug/l	99
59) 2-Hexanone	11.200	43	799945	229.803	ug/l	99
60) Dibromochloromethane	11.359	129	234318	46.439	ug/l	99
61) 1,2-Dibromoethane	11.471	107	220131	46.010	ug/l	100
64) Tetrachloroethene	11.106	164	224658	39.976	ug/l	97
65) Chlorobenzene	11.894	112	581961	44.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	224201	45.745	ug/l	99
67) Ethyl Benzene	11.965	91	1052084	46.666	ug/l	100
68) m/p-Xylenes	12.070	106	830582	91.876	ug/l	100
69) o-Xylene	12.400	106	423852	47.742	ug/l	99
70) Styrene	12.412	104	676058	47.693	ug/l	99
71) Bromoform	12.582	173	166264	46.974	ug/l #	98
73) Isopropylbenzene	12.700	105	1087232	46.571	ug/l	100
74) N-amyl acetate	12.494	43	342196	50.957	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	295052	43.964	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	269187m	48.944	ug/l	
77) Bromobenzene	12.982	156	254299	46.553	ug/l	99
78) n-propylbenzene	13.041	91	1222111	46.395	ug/l	99
79) 2-Chlorotoluene	13.129	91	724813	44.841	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	928940	47.497	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	80774	44.534	ug/l	98
82) 4-Chlorotoluene	13.129	91	724813	44.841	ug/l	99
83) tert-Butylbenzene	13.441	119	828634	47.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	918311	46.825	ug/l	99
85) sec-Butylbenzene	13.617	105	1151004	47.686	ug/l	100
86) p-Isopropyltoluene	13.735	119	974362	49.091	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	478050	43.445	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	469919	44.905	ug/l	99
89) n-Butylbenzene	14.059	91	792054	50.269	ug/l	100
90) Hexachloroethane	14.335	117	159800	46.648	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	475614	43.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58711	50.327	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	258517	48.848	ug/l	99
94) Hexachlorobutadiene	15.506	225	126158	43.379	ug/l	97
95) Naphthalene	15.641	128	790604	50.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	247774	49.107	ug/l	97

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

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