

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076650.D
 Acq On : 14 Feb 2023 00:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 14 05:40:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	360121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	636271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	582274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	292328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229929	46.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.480%		
35) Dibromofluoromethane	8.172	113	187511	45.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	10.572	98	746145	47.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.900%		
62) 4-Bromofluorobenzene	12.848	95	253882	49.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	180429	47.185	ug/l	92
3) Chloromethane	2.378	50	215629	43.221	ug/l	97
4) Vinyl Chloride	2.525	62	227110	46.254	ug/l	97
5) Bromomethane	2.943	94	136703	45.949	ug/l	90
6) Chloroethane	3.119	64	151933	48.963	ug/l	100
7) Trichlorofluoromethane	3.501	101	300894	45.040	ug/l	99
8) Diethyl Ether	3.978	74	123647	48.031	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	174985	44.577	ug/l	99
10) Methyl Iodide	4.601	142	238945	49.291	ug/l	97
11) Tert butyl alcohol	5.531	59	166191	253.191	ug/l	99
12) 1,1-Dichloroethene	4.354	96	169197	45.519	ug/l	85
13) Acrolein	4.195	56	241190	244.754	ug/l	99
14) Allyl chloride	5.037	41	304241	47.238	ug/l	95
15) Acrylonitrile	5.731	53	559861	240.339	ug/l	99
16) Acetone	4.443	43	452137	203.549	ug/l	96
17) Carbon Disulfide	4.725	76	446418	45.487	ug/l	97
18) Methyl Acetate	5.037	43	361583	49.870	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	628013	50.113	ug/l	96
20) Methylene Chloride	5.284	84	211793	45.494	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	189319	45.246	ug/l	91
22) Diisopropyl ether	6.678	45	761782	50.428	ug/l	99
23) Vinyl Acetate	6.613	43	2555252	285.890	ug/l	99
24) 1,1-Dichloroethane	6.584	63	384735	46.471	ug/l	98
25) 2-Butanone	7.489	43	775069	236.552	ug/l	100
26) 2,2-Dichloropropane	7.495	77	253910	42.519	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	229024	46.148	ug/l	98
28) Bromochloromethane	7.819	49	173688	44.079	ug/l	98
29) Tetrahydrofuran	7.848	42	531072	248.080	ug/l	99
30) Chloroform	7.972	83	389007	47.028	ug/l	97
31) Cyclohexane	8.266	56	355768	45.609	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	334234	48.057	ug/l	97
36) 1,1-Dichloropropene	8.378	75	290032	48.175	ug/l	99
37) Ethyl Acetate	7.566	43	312512	49.337	ug/l	99
38) Carbon Tetrachloride	8.372	117	291617	48.017	ug/l	98
39) Methylcyclohexane	9.607	83	343437	50.186	ug/l	97
40) Benzene	8.613	78	889142	48.093	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	181234	49.389	ug/l	98
42) 1,2-Dichloroethane	8.678	62	295606	45.844	ug/l	99
43) Isopropyl Acetate	8.695	43	599672	58.180	ug/l	95
44) Trichloroethene	9.354	130	211869	48.494	ug/l	100
45) 1,2-Dichloropropane	9.625	63	237566	48.541	ug/l	90
46) Dibromomethane	9.713	93	151592	48.450	ug/l	98
47) Bromodichloromethane	9.889	83	309056	49.267	ug/l	97
48) Methyl methacrylate	9.683	41	253746	51.880	ug/l	97
49) 1,4-Dioxane	9.695	88	87930	1039.288	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1665729	254.001	ug/l	100
52) Toluene	10.636	92	561371	50.293	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	315505	52.109	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	343468	49.179	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	220441	48.568	ug/l	92
56) Ethyl methacrylate	10.877	69	349442	54.696	ug/l	100
57) 1,3-Dichloropropane	11.166	76	383368	49.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	779387	266.374	ug/l	99
59) 2-Hexanone	11.195	43	1220499	258.115	ug/l	100
60) Dibromochloromethane	11.360	129	235130	49.153	ug/l	99
61) 1,2-Dibromoethane	11.471	107	219584	48.333	ug/l	98
64) Tetrachloroethene	11.107	164	173061	47.163	ug/l	97
65) Chlorobenzene	11.895	112	593493	48.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	217407	48.504	ug/l	98
67) Ethyl Benzene	11.966	91	1075493	51.157	ug/l	99
68) m/p-Xylenes	12.071	106	840006	103.659	ug/l	97
69) o-Xylene	12.401	106	415696	52.598	ug/l	98
70) Styrene	12.413	104	692063	54.152	ug/l	98
71) Bromoform	12.583	173	171934	52.295	ug/l #	97
73) Isopropylbenzene	12.695	105	1082846	50.538	ug/l	99
74) N-amyl acetate	12.495	43	492663	51.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	342600	44.173	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	290286m	49.117	ug/l	
77) Bromobenzene	12.983	156	252566	47.245	ug/l	99
78) n-propylbenzene	13.036	91	1279086	50.837	ug/l	99
79) 2-Chlorotoluene	13.124	91	737647	47.882	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	892862	50.422	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	94822	46.730	ug/l	92
82) 4-Chlorotoluene	13.124	91	737647	47.882	ug/l	100
83) tert-Butylbenzene	13.442	119	808978	50.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	906141	51.346	ug/l	98
85) sec-Butylbenzene	13.618	105	1145104	51.200	ug/l	100
86) p-Isopropyltoluene	13.730	119	964062	53.981	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	484474	47.942	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	480920	47.790	ug/l	98
89) n-Butylbenzene	14.060	91	813329	52.361	ug/l	99
90) Hexachloroethane	14.336	117	174248	46.598	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	489921	47.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	65764	43.766	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	270019	52.251	ug/l	96
94) Hexachlorobutadiene	15.507	225	118201	46.669	ug/l	99
95) Naphthalene	15.642	128	860007	54.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	258269	51.586	ug/l	100

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

