

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077829.D
 Acq On : 23 May 2023 23:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 02:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	372665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	675641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	588148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	254902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	294099	52.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.480%			
35) Dibromofluoromethane	8.171	113	254782	57.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.660%			
50) Toluene-d8	10.570	98	939742	55.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.840%			
62) 4-Bromofluorobenzene	12.853	95	316932	52.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	207763	48.987	ug/l	99
3) Chloromethane	2.371	50	206130	45.685	ug/l	100
4) Vinyl Chloride	2.518	62	261759	48.952	ug/l	98
5) Bromomethane	2.953	94	189376	47.886	ug/l	91
6) Chloroethane	3.124	64	185444	48.122	ug/l	100
7) Trichlorofluoromethane	3.506	101	392757	52.705	ug/l	96
8) Diethyl Ether	3.971	74	140493	51.642	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	218064	52.877	ug/l	96
10) Methyl Iodide	4.600	142	289149	58.791	ug/l	98
11) Tert butyl alcohol	5.530	59	200725	260.836	ug/l	100
12) 1,1-Dichloroethene	4.347	96	205322	52.383	ug/l	94
13) Acrolein	4.189	56	142496	303.831	ug/l	95
14) Allyl chloride	5.030	41	269926	46.878	ug/l	95
15) Acrylonitrile	5.730	53	518026	251.967	ug/l	97
16) Acetone	4.436	43	403634	230.084	ug/l	99
17) Carbon Disulfide	4.718	76	438093	41.482	ug/l	99
18) Methyl Acetate	5.030	43	370819	50.386	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	758012	53.428	ug/l	96
20) Methylene Chloride	5.283	84	248637	54.636	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	221586	50.328	ug/l	84
22) Diisopropyl ether	6.677	45	710236	52.624	ug/l	93
23) Vinyl Acetate	6.612	43	2075130	248.156	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	446240	53.968	ug/l	99
25) 2-Butanone	7.488	43	656493	239.226	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	331340	47.167	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	288121	54.576	ug/l	96
28) Bromochloromethane	7.818	49	193459	54.099	ug/l	92
29) Tetrahydrofuran	7.841	42	419721	233.580	ug/l	87
30) Chloroform	7.977	83	488842	53.744	ug/l	96
31) Cyclohexane	8.265	56	349454	46.111	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	435797	56.354	ug/l	97
36) 1,1-Dichloropropene	8.376	75	339344	52.659	ug/l	98
37) Ethyl Acetate	7.565	43	265535	46.231	ug/l	97
38) Carbon Tetrachloride	8.371	117	377642	58.034	ug/l	98
39) Methylcyclohexane	9.606	83	399937	50.694	ug/l	94
40) Benzene	8.612	78	1017104	53.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	148074	48.408	ug/l	97
42) 1,2-Dichloroethane	8.676	62	360847	52.237	ug/l	97
43) Isopropyl Acetate	8.694	43	531026	56.602	ug/l #	92
44) Trichloroethene	9.359	130	269183	55.904	ug/l	96
45) 1,2-Dichloropropane	9.629	63	271575	55.988	ug/l	100
46) Dibromomethane	9.718	93	187681	54.073	ug/l	94
47) Bromodichloromethane	9.894	83	386931	58.228	ug/l	97
48) Methyl methacrylate	9.688	41	223944	50.346	ug/l	90
49) 1,4-Dioxane	9.700	88	91856	1093.365	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1449981	260.010	ug/l	94
52) Toluene	10.635	92	663828	56.073	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	389242	55.314	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	419883	54.146	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	266179	56.626	ug/l	96
56) Ethyl methacrylate	10.882	69	388318	54.636	ug/l	92
57) 1,3-Dichloropropane	11.170	76	448887	55.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	857100	245.127	ug/l	94
59) 2-Hexanone	11.200	43	1018408	246.898	ug/l	92
60) Dibromochloromethane	11.365	129	294787	60.747	ug/l	98
61) 1,2-Dibromoethane	11.476	107	270841	57.755	ug/l	98
64) Tetrachloroethene	11.112	164	222024	53.980	ug/l	98
65) Chlorobenzene	11.900	112	731637	57.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	277488	62.897	ug/l	97
67) Ethyl Benzene	11.970	91	1294911	56.672	ug/l	100
68) m/p-Xylenes	12.076	106	1003515	115.909	ug/l	100
69) o-Xylene	12.406	106	495587	58.205	ug/l	98
70) Styrene	12.417	104	809693	59.863	ug/l	99
71) Bromoform	12.582	173	190144	64.788	ug/l #	98
73) Isopropylbenzene	12.700	105	1309824	59.612	ug/l	99
74) N-amyl acetate	12.500	43	404521	49.807	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	375691	55.579	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	311744m	48.835	ug/l	
77) Bromobenzene	12.988	156	291177	58.069	ug/l	95
78) n-propylbenzene	13.041	91	1478960	57.093	ug/l	99
79) 2-Chlorotoluene	13.129	91	888822	57.501	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1102004	59.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	101715	50.932	ug/l	93
82) 4-Chlorotoluene	13.229	91	840120	54.625	ug/l	97
83) tert-Butylbenzene	13.447	119	978540	60.697	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1079599	59.442	ug/l	98
85) sec-Butylbenzene	13.623	105	1351384	58.982	ug/l	100
86) p-Isopropyltoluene	13.735	119	1120584	61.348	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	529025	57.049	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	508637	55.275	ug/l	99
89) n-Butylbenzene	14.064	91	916530	54.553	ug/l	99
90) Hexachloroethane	14.341	117	200003	66.652	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	521094	60.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63474	48.502	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	244872	48.370	ug/l	98
94) Hexachlorobutadiene	15.505	225	120873	57.506	ug/l	97
95) Naphthalene	15.647	128	749449	43.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.852	180	251289	50.697	ug/l	99

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

