

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078017.D
 Acq On : 01 Jun 2023 18:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 02 01:55:12 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 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	369675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	667331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	587240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279334	50.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.000%			
35) Dibromofluoromethane	8.177	113	242814	55.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.600%			
50) Toluene-d8	10.576	98	863553	51.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.853	95	296900	50.189	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	176344	41.915	ug/l	95
3) Chloromethane	2.371	50	201215	44.927	ug/l	98
4) Vinyl Chloride	2.518	62	273157	51.497	ug/l	96
5) Bromomethane	2.942	94	195807	49.913	ug/l	98
6) Chloroethane	3.112	64	198941	52.042	ug/l	99
7) Trichlorofluoromethane	3.494	101	365989	49.510	ug/l	99
8) Diethyl Ether	3.971	74	137080	50.795	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	205665	50.274	ug/l	97
10) Methyl Iodide	4.594	142	289572	59.353	ug/l	94
11) Tert butyl alcohol	5.541	59	217081	284.372	ug/l	100
12) 1,1-Dichloroethene	4.347	96	200987	51.692	ug/l	92
13) Acrolein	4.189	56	142941	307.610	ug/l	96
14) Allyl chloride	5.036	41	307775	53.883	ug/l	93
15) Acrylonitrile	5.730	53	551284	270.312	ug/l	98
16) Acetone	4.441	43	435578	250.301	ug/l	98
17) Carbon Disulfide	4.718	76	452264	43.170	ug/l	98
18) Methyl Acetate	5.036	43	403977	55.336	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	745401	52.965	ug/l	96
20) Methylene Chloride	5.283	84	246782	54.669	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	222938	51.044	ug/l	85
22) Diisopropyl ether	6.682	45	699358	52.237	ug/l #	90
23) Vinyl Acetate	6.612	43	2111218	254.514	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	430908	52.535	ug/l	99
25) 2-Butanone	7.494	43	711917	261.520	ug/l	88
26) 2,2-Dichloropropane	7.494	77	352032	50.518	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	277329	52.957	ug/l	93
28) Bromochloromethane	7.818	49	174584	49.216	ug/l	89
29) Tetrahydrofuran	7.847	42	467472	262.258	ug/l	85
30) Chloroform	7.977	83	474061	52.540	ug/l	94
31) Cyclohexane	8.265	56	323436	43.023	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	416980	54.357	ug/l	98
36) 1,1-Dichloropropene	8.377	75	333712	52.430	ug/l	98
37) Ethyl Acetate	7.571	43	300322	52.938	ug/l #	93
38) Carbon Tetrachloride	8.371	117	363350	56.533	ug/l	99
39) Methylcyclohexane	9.606	83	314385	40.346	ug/l	92
40) Benzene	8.612	78	1017769	54.187	ug/l	100

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41) Methacrylonitrile	7.788	41	163903	54.250	ug/l	90
42) 1,2-Dichloroethane	8.682	62	355821	52.151	ug/l	98
43) Isopropyl Acetate	8.700	43	499768	53.933	ug/l	96
44) Trichloroethene	9.359	130	268707	56.500	ug/l	95
45) 1,2-Dichloropropane	9.629	63	261536	54.590	ug/l	99
46) Dibromomethane	9.718	93	186130	54.294	ug/l	93
47) Bromodichloromethane	9.894	83	372887	56.814	ug/l	96
48) Methyl methacrylate	9.688	41	232173	52.846	ug/l	91
49) 1,4-Dioxane	9.700	88	102521	1235.507	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1571043	285.227	ug/l	94
52) Toluene	10.641	92	658534	56.318	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	390697	56.213	ug/l	97
54) cis-1,3-Dichloropropene	10.323	75	417609	54.523	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	263016	56.650	ug/l	98
56) Ethyl methacrylate	10.882	69	393537	56.060	ug/l #	90
57) 1,3-Dichloropropane	11.170	76	440277	55.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	708202	205.065	ug/l	92
59) 2-Hexanone	11.200	43	1123264	275.710	ug/l	93
60) Dibromochloromethane	11.365	129	283621	59.174	ug/l	99
61) 1,2-Dibromoethane	11.476	107	273773	59.107	ug/l	98
64) Tetrachloroethene	11.112	164	243720	59.347	ug/l	96
65) Chlorobenzene	11.900	112	704607	55.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	264245	59.988	ug/l	98
67) Ethyl Benzene	11.970	91	1248660	54.732	ug/l	97
68) m/p-Xylenes	12.076	106	951630	110.086	ug/l	99
69) o-Xylene	12.406	106	475143	55.891	ug/l	98
70) Styrene	12.417	104	766373	56.748	ug/l	98
71) Bromoform	12.582	173	182798	62.381	ug/l #	100
73) Isopropylbenzene	12.700	105	1166342	57.079	ug/l	99
74) N-amyl acetate	12.500	43	411219	54.445	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	369911	58.845	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	320194m	53.936	ug/l	
77) Bromobenzene	12.988	156	270460	58.000	ug/l	99
78) n-propylbenzene	13.041	91	1296407	53.815	ug/l	100
79) 2-Chlorotoluene	13.129	91	821770	57.167	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	942498	54.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	105702	56.915	ug/l #	84
82) 4-Chlorotoluene	13.229	91	766182	53.569	ug/l	97
83) tert-Butylbenzene	13.447	119	784972	52.357	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	945573	55.984	ug/l	98
85) sec-Butylbenzene	13.623	105	1018428	47.797	ug/l	98
86) p-Isopropyltoluene	13.735	119	851103	50.104	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	468503	54.327	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	450111	52.598	ug/l	99
89) n-Butylbenzene	14.064	91	662957	42.432	ug/l	97
90) Hexachloroethane	14.341	117	146499	52.498	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	468518	58.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66068	54.286	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	176487	37.487	ug/l	97
94) Hexachlorobutadiene	15.505	225	74810	38.271	ug/l	97
95) Naphthalene	15.647	128	615155	37.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	183751	39.863	ug/l	96

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

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