

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078007.D
 Acq On : 01 Jun 2023 12:17
 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 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:49:14 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

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	356928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	557501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229563	42.985	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.960%		
35) Dibromofluoromethane	8.177	113	195000	47.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	10.576	98	718171	45.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.700%		
62) 4-Bromofluorobenzene	12.853	95	244212	44.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	178294	43.892	ug/l	96
3) Chloromethane	2.371	50	196786	45.531	ug/l	97
4) Vinyl Chloride	2.524	62	251342	49.077	ug/l	98
5) Bromomethane	2.953	94	193305	51.034	ug/l	99
6) Chloroethane	3.124	64	187977	50.930	ug/l	94
7) Trichlorofluoromethane	3.506	101	368629	51.648	ug/l	99
8) Diethyl Ether	3.971	74	140984	54.108	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	213079	53.946	ug/l	98
10) Methyl Iodide	4.594	142	281357	59.729	ug/l	97
11) Tert butyl alcohol	5.535	59	181151	245.779	ug/l	99
12) 1,1-Dichloroethene	4.353	96	197935	52.725	ug/l	88
13) Acrolein	4.194	56	129929	287.692	ug/l	96
14) Allyl chloride	5.030	41	266969	48.409	ug/l	94
15) Acrylonitrile	5.730	53	502203	255.040	ug/l	99
16) Acetone	4.436	43	441831	262.962	ug/l	92
17) Carbon Disulfide	4.718	76	469934	46.458	ug/l	98
18) Methyl Acetate	5.036	43	365592	51.866	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	744099	54.760	ug/l	99
20) Methylene Chloride	5.283	84	250597	57.603	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	227756	54.010	ug/l	84
22) Diisopropyl ether	6.682	45	697420	53.952	ug/l	94
23) Vinyl Acetate	6.612	43	2086098	260.467	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	431923	54.540	ug/l	97
25) 2-Butanone	7.488	43	648543	246.749	ug/l	88
26) 2,2-Dichloropropane	7.500	77	373419	55.501	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	277506	54.883	ug/l	92
28) Bromochloromethane	7.818	49	166125	48.504	ug/l	90
29) Tetrahydrofuran	7.841	42	411107	238.873	ug/l	86
30) Chloroform	7.971	83	466109	53.504	ug/l	98
31) Cyclohexane	8.265	56	349230	48.113	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	409182	55.245	ug/l	96
36) 1,1-Dichloropropene	8.382	75	335865	56.428	ug/l	98
37) Ethyl Acetate	7.571	43	264966	49.945	ug/l	95
38) Carbon Tetrachloride	8.371	117	364067	60.573	ug/l	96
39) Methylcyclohexane	9.606	83	385283	52.873	ug/l	93
40) Benzene	8.612	78	1011490	57.587	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	145284	51.422	ug/l	92
42) 1,2-Dichloroethane	8.676	62	355580	55.730	ug/l	98
43) Isopropyl Acetate	8.694	43	464091	53.557	ug/l	97
44) Trichloroethene	9.359	130	261861	58.879	ug/l	94
45) 1,2-Dichloropropane	9.629	63	268462	59.922	ug/l	97
46) Dibromomethane	9.718	93	190131	59.307	ug/l	98
47) Bromodichloromethane	9.894	83	372082	60.623	ug/l	95
48) Methyl methacrylate	9.688	41	220406	53.647	ug/l	90
49) 1,4-Dioxane	9.700	88	90720	1169.110	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1388468	269.562	ug/l	93
52) Toluene	10.635	92	651932	59.620	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	399990	61.541	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	429305	59.937	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	258424	59.521	ug/l	99
56) Ethyl methacrylate	10.882	69	376561	57.361	ug/l	92
57) 1,3-Dichloropropane	11.170	76	439668	59.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	670293	207.548	ug/l	93
59) 2-Hexanone	11.206	43	967899	254.051	ug/l	93
60) Dibromochloromethane	11.365	129	281871	62.887	ug/l	97
61) 1,2-Dibromoethane	11.476	107	263427	60.818	ug/l	99
64) Tetrachloroethene	11.112	164	245487	62.966	ug/l	98
65) Chlorobenzene	11.900	112	709818	58.731	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.970	131	266124	63.637	ug/l	98
67) Ethyl Benzene	11.970	91	1267127	58.505	ug/l	100
68) m/p-Xylenes	12.076	106	969596	118.147	ug/l	99
69) o-Xylene	12.406	106	478964	59.345	ug/l	98
70) Styrene	12.417	104	762898	59.504	ug/l	97
71) Bromoform	12.588	173	177976	63.976	ug/l #	99
73) Isopropylbenzene	12.700	105	1240519	60.633	ug/l	98
74) N-amyl acetate	12.500	43	378139	50.003	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	349513	55.530	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	301217m	50.676	ug/l	
77) Bromobenzene	12.988	156	271630	58.178	ug/l	98
78) n-propylbenzene	13.041	91	1420982	58.912	ug/l	100
79) 2-Chlorotoluene	13.129	91	854055	59.338	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1043464	60.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	101423	54.542	ug/l	92
82) 4-Chlorotoluene	13.229	91	816642	57.026	ug/l	99
83) tert-Butylbenzene	13.447	119	887573	59.127	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1027439	60.754	ug/l	99
85) sec-Butylbenzene	13.623	105	1225190	57.429	ug/l	99
86) p-Isopropyltoluene	13.735	119	1021387	60.053	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	492488	57.037	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	465349	54.311	ug/l	99
89) n-Butylbenzene	14.064	91	821017	52.483	ug/l	99
90) Hexachloroethane	14.341	117	176514	63.175	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	483773	59.974	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	57545	47.224	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	200132	42.456	ug/l	98
94) Hexachlorobutadiene	15.505	225	94808	48.441	ug/l	100
95) Naphthalene	15.652	128	607705	37.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	206368	44.714	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

