

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080302.D
 Acq On : 29 Nov 2023 11:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 30 04:41:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182912	49.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.165	113	135431	53.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.020%		
50) Toluene-d8	10.565	98	485973	52.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.540%		
62) 4-Bromofluorobenzene	12.847	95	189320	54.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	152515	45.487	ug/l	100
3) Chloromethane	2.365	50	112923	44.795	ug/l	100
4) Vinyl Chloride	2.518	62	125364	46.992	ug/l	99
5) Bromomethane	2.953	94	85161	47.023	ug/l	100
6) Chloroethane	3.124	64	94624	57.853	ug/l	98
7) Trichlorofluoromethane	3.500	101	258839	46.512	ug/l	99
8) Diethyl Ether	3.959	74	76973	47.559	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	118181	46.462	ug/l	93
10) Methyl Iodide	4.589	142	130144	47.343	ug/l #	87
11) Tert butyl alcohol	5.506	59	83186	203.528	ug/l	99
12) 1,1-Dichloroethene	4.341	96	113950	47.896	ug/l	84
13) Acrolein	4.177	56	107832	298.116	ug/l	96
14) Allyl chloride	5.024	41	138677	46.330	ug/l	93
15) Acrylonitrile	5.712	53	243468	221.895	ug/l	99
16) Acetone	4.418	43	279284	223.723	ug/l	98
17) Carbon Disulfide	4.718	76	289774	40.792	ug/l	98
18) Methyl Acetate	5.018	43	181720	45.306	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	416028	49.517	ug/l	94
20) Methylene Chloride	5.277	84	131990	50.489	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	125092	47.861	ug/l	88
22) Diisopropyl ether	6.671	45	339834	51.316	ug/l	94
23) Vinyl Acetate	6.600	43	919980	231.074	ug/l	94
24) 1,1-Dichloroethane	6.565	63	227820	47.233	ug/l	99
25) 2-Butanone	7.477	43	307061	207.028	ug/l	92
26) 2,2-Dichloropropane	7.488	77	228647	47.780	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	142931	48.235	ug/l	85
28) Bromochloromethane	7.818	49	92094	48.567	ug/l	97
29) Tetrahydrofuran	7.835	42	168295	211.351	ug/l	94
30) Chloroform	7.965	83	270688	50.210	ug/l	97
31) Cyclohexane	8.259	56	165328	40.903	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	257224	48.925	ug/l	100
36) 1,1-Dichloropropene	8.371	75	180599	48.828	ug/l	95
37) Ethyl Acetate	7.559	43	112904	44.008	ug/l	96
38) Carbon Tetrachloride	8.365	117	237813	50.667	ug/l	97
39) Methylcyclohexane	9.600	83	168955	47.376	ug/l #	87
40) Benzene	8.606	78	518276	49.303	ug/l	100

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41) Methacrylonitrile	7.777	41	64878	46.048	ug/l	92
42) 1,2-Dichloroethane	8.671	62	219724	51.090	ug/l	95
43) Isopropyl Acetate	8.688	43	200703	40.201	ug/l	98
44) Trichloroethene	9.353	130	138846	50.353	ug/l	93
45) 1,2-Dichloropropane	9.623	63	125595	51.412	ug/l	99
46) Dibromomethane	9.712	93	93494	50.559	ug/l	90
47) Bromodichloromethane	9.888	83	217904	53.569	ug/l	96
48) Methyl methacrylate	9.676	41	124842	48.524	ug/l	91
49) 1,4-Dioxane	9.694	88	35007	817.891	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	585482	226.518	ug/l	98
52) Toluene	10.629	92	334190	50.799	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	212614	50.873	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	228440	53.502	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	130178	51.846	ug/l	95
56) Ethyl methacrylate	10.876	69	135733	52.916	ug/l	93
57) 1,3-Dichloropropane	11.165	76	222960	50.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	331648	229.500	ug/l	96
59) 2-Hexanone	11.194	43	449495	216.420	ug/l	98
60) Dibromochloromethane	11.359	129	161631	53.768	ug/l	99
61) 1,2-Dibromoethane	11.470	107	127746	49.871	ug/l	98
64) Tetrachloroethene	11.106	164	137385	56.267	ug/l	98
65) Chlorobenzene	11.894	112	352147	48.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	148891	52.923	ug/l	94
67) Ethyl Benzene	11.965	91	657434	50.963	ug/l	96
68) m/p-Xylenes	12.070	106	485710	103.265	ug/l	88
69) o-Xylene	12.400	106	233327	52.637	ug/l	88
70) Styrene	12.412	104	356848	54.087	ug/l	95
71) Bromoform	12.576	173	106500	51.047	ug/l #	100
73) Isopropylbenzene	12.694	105	615092	49.719	ug/l	99
74) N-amyl acetate	12.494	43	158280	41.027	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	153596	41.482	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	169190m	43.373	ug/l	
77) Bromobenzene	12.982	156	152357	48.847	ug/l	94
78) n-propylbenzene	13.035	91	681454	49.259	ug/l	100
79) 2-Chlorotoluene	13.123	91	444148	49.432	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	538217	49.977	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	50358	43.616	ug/l	87
82) 4-Chlorotoluene	13.223	91	454044	49.327	ug/l	97
83) tert-Butylbenzene	13.441	119	424343	49.136	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	539650	50.890	ug/l	97
85) sec-Butylbenzene	13.617	105	549374	50.286	ug/l	99
86) p-Isopropyltoluene	13.729	119	505548	51.801	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	263854	46.953	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	263910	46.731	ug/l	98
89) n-Butylbenzene	14.059	91	412656	50.518	ug/l	99
90) Hexachloroethane	14.335	117	89311	46.942	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	257246	47.837	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34363	39.955	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	141661	45.293	ug/l	96
94) Hexachlorobutadiene	15.500	225	82532	45.854	ug/l	99
95) Naphthalene	15.641	128	357484	39.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	132365	45.151	ug/l	97

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

