

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080149.D
 Acq On : 16 Nov 2023 21:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 01:29:39 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 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	250905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	358024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205315	49.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	8.171	113	146904	50.414	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.820%		
50) Toluene-d8	10.571	98	550290	52.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.780%		
62) 4-Bromofluorobenzene	12.853	95	205643	51.830	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	174733	46.753	ug/l	97
3) Chloromethane	2.359	50	128069	45.578	ug/l	100
4) Vinyl Chloride	2.512	62	142445	47.903	ug/l	98
5) Bromomethane	2.942	94	88301	43.742	ug/l	97
6) Chloroethane	3.112	64	87853	47.676	ug/l	99
7) Trichlorofluoromethane	3.495	101	292088	47.087	ug/l	96
8) Diethyl Ether	3.959	74	84952	47.090	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	130263	45.944	ug/l	95
10) Methyl Iodide	4.589	142	158520	51.734	ug/l	91
11) Tert butyl alcohol	5.530	59	116396	255.488	ug/l	98
12) 1,1-Dichloroethene	4.336	96	129800	48.946	ug/l	90
13) Acrolein	4.177	56	103651	257.080	ug/l	98
14) Allyl chloride	5.024	41	160205	48.017	ug/l	93
15) Acrylonitrile	5.718	53	320452	262.015	ug/l	99
16) Acetone	4.430	43	255083	183.318	ug/l	98
17) Carbon Disulfide	4.712	76	351898	44.441	ug/l	99
18) Methyl Acetate	5.018	43	210466	47.075	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	463977	49.543	ug/l	99
20) Methylene Chloride	5.271	84	147837	50.734	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	138474	47.531	ug/l #	79
22) Diisopropyl ether	6.677	45	375169	50.824	ug/l	96
23) Vinyl Acetate	6.606	43	1153915	260.019	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	256976	47.797	ug/l	99
25) 2-Butanone	7.483	43	371847	224.920	ug/l	92
26) 2,2-Dichloropropane	7.494	77	230179	43.153	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	159447	48.273	ug/l	88
28) Bromochloromethane	7.812	49	106397	50.338	ug/l	92
29) Tetrahydrofuran	7.841	42	246541	277.766	ug/l	90
30) Chloroform	7.965	83	290404	48.326	ug/l	94
31) Cyclohexane	8.259	56	202567	44.961	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	283487	48.374	ug/l	98
36) 1,1-Dichloropropene	8.377	75	210863	49.981	ug/l	96
37) Ethyl Acetate	7.559	43	158639	54.211	ug/l	96
38) Carbon Tetrachloride	8.365	117	259093	48.395	ug/l	98
39) Methylcyclohexane	9.606	83	198139	48.709	ug/l #	89
40) Benzene	8.612	78	590529	49.250	ug/l	98

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41) Methacrylonitrile	7.783	41	84449	52.549	ug/l	93
42) 1,2-Dichloroethane	8.671	62	243811	49.701	ug/l	96
43) Isopropyl Acetate	8.694	43	264032	46.365	ug/l	97
44) Trichloroethene	9.353	130	150821	47.952	ug/l	99
45) 1,2-Dichloropropane	9.629	63	140828	50.540	ug/l	100
46) Dibromomethane	9.712	93	107161	50.804	ug/l	93
47) Bromodichloromethane	9.888	83	233873	50.405	ug/l	99
48) Methyl methacrylate	9.682	41	158705	54.080	ug/l	90
49) 1,4-Dioxane	9.700	88	53505	1095.935	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	806171	273.442	ug/l	97
52) Toluene	10.629	92	376961	50.235	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	233635	49.010	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	248679	51.060	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	141712	49.480	ug/l	97
56) Ethyl methacrylate	10.876	69	163134	55.756	ug/l	93
57) 1,3-Dichloropropane	11.165	76	250596	50.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	475709	288.601	ug/l	96
59) 2-Hexanone	11.200	43	594432	250.914	ug/l	97
60) Dibromochloromethane	11.365	129	172458	50.296	ug/l	99
61) 1,2-Dibromoethane	11.471	107	145111	49.665	ug/l	99
64) Tetrachloroethene	11.106	164	137508	50.327	ug/l	97
65) Chlorobenzene	11.894	112	388387	47.874	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	157660	50.079	ug/l	94
67) Ethyl Benzene	11.965	91	734436	50.876	ug/l	96
68) m/p-Xylenes	12.070	106	539935	102.583	ug/l	87
69) o-Xylene	12.400	106	260893	52.596	ug/l	88
70) Styrene	12.412	104	387188	52.443	ug/l	93
71) Bromoform	12.582	173	120852	51.764	ug/l #	99
73) Isopropylbenzene	12.700	105	694870	50.060	ug/l	98
74) N-amyl acetate	12.494	43	219504	50.709	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	194998	46.937	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	215411m	49.217	ug/l	
77) Bromobenzene	12.982	156	160983	46.000	ug/l	96
78) n-propylbenzene	13.041	91	774631	49.905	ug/l	99
79) 2-Chlorotoluene	13.129	91	493368	48.938	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	597011	49.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	62056	47.904	ug/l #	87
82) 4-Chlorotoluene	13.223	91	495779	48.004	ug/l	96
83) tert-Butylbenzene	13.441	119	473801	48.896	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	593001	49.840	ug/l	96
85) sec-Butylbenzene	13.617	105	608201	49.617	ug/l	100
86) p-Isopropyltoluene	13.735	119	553277	50.527	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	291713	46.265	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	291063	45.935	ug/l	97
89) n-Butylbenzene	14.059	91	439694	47.974	ug/l	99
90) Hexachloroethane	14.335	117	100063	46.874	ug/l	74
91) 1,2-Dichlorobenzene	14.112	146	286814	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46710	48.405	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	152399	43.428	ug/l	96
94) Hexachlorobutadiene	15.506	225	79777	39.504	ug/l	99
95) Naphthalene	15.647	128	451350	44.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	146330	44.487	ug/l	97

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

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