

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079787.D
 Acq On : 02 Nov 2023 10:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

Quant Time: Nov 02 11:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	289062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	495652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	457547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236011	53.591	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	8.165	113	189291	53.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	10.571	98	708675	54.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.760%			
62) 4-Bromofluorobenzene	12.853	95	243016	56.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	187711	53.912	ug/l	98
3) Chloromethane	2.365	50	212973	43.862	ug/l	98
4) Vinyl Chloride	2.512	62	226016	49.590	ug/l	99
5) Bromomethane	2.954	94	165832	59.884	ug/l	98
6) Chloroethane	3.124	64	182036	51.321	ug/l	96
7) Trichlorofluoromethane	3.501	101	293553	51.785	ug/l	98
8) Diethyl Ether	3.959	74	106497	49.507	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	169801	51.671	ug/l	99
10) Methyl Iodide	4.595	142	180762	48.169	ug/l	98
11) Tert butyl alcohol	5.518	59	105458m	187.435	ug/l	
12) 1,1-Dichloroethene	4.342	96	157811	50.720	ug/l #	82
13) Acrolein	4.177	56	127565	277.402	ug/l	98
14) Allyl chloride	5.024	41	250554	49.902	ug/l #	90
15) Acrylonitrile	5.718	53	432095	246.635	ug/l	99
16) Acetone	4.424	43	410539	265.389	ug/l	96
17) Carbon Disulfide	4.718	76	457630	50.990	ug/l	100
18) Methyl Acetate	5.024	43	349054	47.163	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	540529	50.459	ug/l	93
20) Methylene Chloride	5.277	84	194218	49.757	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	179941	51.854	ug/l #	78
22) Diisopropyl ether	6.671	45	627656	56.833	ug/l #	91
23) Vinyl Acetate	6.606	43	1650664	263.138	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	359857	53.610	ug/l	97
25) 2-Butanone	7.483	43	611124	269.781	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	293665	52.899	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	216135	52.069	ug/l	86
28) Bromochloromethane	7.812	49	176188	53.860	ug/l #	73
29) Tetrahydrofuran	7.836	42	377648	256.240	ug/l #	75
30) Chloroform	7.965	83	373425	51.215	ug/l	94
31) Cyclohexane	8.259	56	300324	51.607	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	314296	52.903	ug/l	92
36) 1,1-Dichloropropene	8.371	75	281664	56.233	ug/l	94
37) Ethyl Acetate	7.559	43	233358	50.799	ug/l #	91
38) Carbon Tetrachloride	8.365	117	274525	54.383	ug/l	98
39) Methylcyclohexane	9.600	83	263760	55.955	ug/l #	88
40) Benzene	8.606	78	824282	54.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	131439	53.882	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	292125	55.745	ug/l	98
43) Isopropyl Acetate	8.688	43	391898	48.647	ug/l #	91
44) Trichloroethene	9.353	130	197033	52.927	ug/l	93
45) 1,2-Dichloropropane	9.624	63	214918	56.057	ug/l	98
46) Dibromomethane	9.712	93	142273	54.347	ug/l	95
47) Bromodichloromethane	9.888	83	297189	53.231	ug/l	97
48) Methyl methacrylate	9.682	41	193042	54.707	ug/l #	81
49) 1,4-Dioxane	9.694	88	57678	925.058	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1217915	268.531	ug/l	90
52) Toluene	10.629	92	505130	56.794	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	303518	55.456	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	335372	56.217	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	193287	54.031	ug/l	96
56) Ethyl methacrylate	10.877	69	286076	56.064	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	349379	55.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	708550	273.971	ug/l	90
59) 2-Hexanone	11.200	43	951397	274.207	ug/l	87
60) Dibromochloromethane	11.359	129	213517	55.761	ug/l	100
61) 1,2-Dibromoethane	11.471	107	192070	53.494	ug/l	99
64) Tetrachloroethene	11.106	164	160216	54.066	ug/l	97
65) Chlorobenzene	11.894	112	528203	53.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	196704	55.008	ug/l	98
67) Ethyl Benzene	11.965	91	980527	56.704	ug/l	96
68) m/p-Xylenes	12.071	106	743164	115.370	ug/l	96
69) o-Xylene	12.400	106	349564	56.355	ug/l	93
70) Styrene	12.412	104	601216	60.311	ug/l	98
71) Bromoform	12.576	173	139186	54.815	ug/l #	98
73) Isopropylbenzene	12.694	105	888796	52.956	ug/l	99
74) N-amyl acetate	12.494	43	348815	47.614	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	282004	47.390	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	245798m	49.224	ug/l	
77) Bromobenzene	12.982	156	212141	51.628	ug/l	97
78) n-propylbenzene	13.035	91	1087003	56.556	ug/l	97
79) 2-Chlorotoluene	13.123	91	651825	53.088	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	736880	56.431	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86803	45.489	ug/l #	83
82) 4-Chlorotoluene	13.223	91	653315	53.547	ug/l	100
83) tert-Butylbenzene	13.441	119	593407	55.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	750997	58.455	ug/l	99
85) sec-Butylbenzene	13.618	105	830490	56.081	ug/l	99
86) p-Isopropyltoluene	13.729	119	697392	57.761	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	396598	51.884	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	398285	51.237	ug/l	99
89) n-Butylbenzene	14.059	91	590013	56.737	ug/l	99
90) Hexachloroethane	14.335	117	124596	52.108	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	383183	53.102	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46511	46.090	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	176816	51.533	ug/l	96
94) Hexachlorobutadiene	15.500	225	80287	51.618	ug/l	99
95) Naphthalene	15.641	128	523227	44.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168442	50.082	ug/l	97

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

