

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079836.D
 Acq On : 03 Nov 2023 09:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 09:50:36 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	8.229	168	306830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	545610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	491201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	243152	52.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	8.165	113	195518	50.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	10.571	98	716467	50.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.853	95	241584	51.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	193433	52.338	ug/l	97
3) Chloromethane	2.365	50	215847	46.792	ug/l	97
4) Vinyl Chloride	2.512	62	298612	61.724	ug/l	100
5) Bromomethane	2.947	94	157621	53.623	ug/l	97
6) Chloroethane	3.118	64	182281	47.685	ug/l	99
7) Trichlorofluoromethane	3.500	101	300506	49.942	ug/l	99
8) Diethyl Ether	3.959	74	115894	50.755	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	172093	49.336	ug/l	99
10) Methyl Iodide	4.589	142	200048	50.221	ug/l	100
11) Tert butyl alcohol	5.512	59	137855	231.014	ug/l	100
12) 1,1-Dichloroethene	4.341	96	162009	49.054	ug/l	84
13) Acrolein	4.177	56	114860	244.268	ug/l	98
14) Allyl chloride	5.024	41	255950	50.598	ug/l #	92
15) Acrylonitrile	5.718	53	471506	253.546	ug/l	98
16) Acetone	4.424	43	365462	222.569	ug/l	97
17) Carbon Disulfide	4.712	76	462408	48.539	ug/l	98
18) Methyl Acetate	5.018	43	398164	50.684	ug/l #	82
19) Methyl tert-butyl Ether	5.794	73	586745	51.601	ug/l	93
20) Methylene Chloride	5.283	84	204577	49.376	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	187540	50.914	ug/l #	81
22) Diisopropyl ether	6.671	45	665311	56.754	ug/l #	90
23) Vinyl Acetate	6.606	43	1716241	265.418	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	380905	53.460	ug/l	98
25) 2-Butanone	7.482	43	621047	258.285	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	238100	40.406	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	228201	51.792	ug/l	89
28) Bromochloromethane	7.818	49	196168	56.495	ug/l #	74
29) Tetrahydrofuran	7.841	42	416600	266.300	ug/l #	75
30) Chloroform	7.965	83	388115	50.147	ug/l	96
31) Cyclohexane	8.259	56	313329	50.724	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	333796	52.932	ug/l	92
36) 1,1-Dichloropropene	8.371	75	293669	53.262	ug/l	93
37) Ethyl Acetate	7.559	43	252056	49.845	ug/l #	92
38) Carbon Tetrachloride	8.365	117	290708	52.315	ug/l	98
39) Methylcyclohexane	9.606	83	276727	53.330	ug/l #	86
40) Benzene	8.606	78	856927	51.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	148463	55.288	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	315465	54.687	ug/l	97
43) Isopropyl Acetate	8.688	43	439862	49.601	ug/l #	91
44) Trichloroethene	9.353	130	206944	50.499	ug/l	99
45) 1,2-Dichloropropane	9.624	63	231965	54.963	ug/l	97
46) Dibromomethane	9.712	93	150786	52.325	ug/l	96
47) Bromodichloromethane	9.888	83	311763	50.728	ug/l	94
48) Methyl methacrylate	9.682	41	218240	56.185	ug/l #	79
49) 1,4-Dioxane	9.694	88	64499	939.737	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1347702	269.940	ug/l	89
52) Toluene	10.629	92	529531	54.087	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	311255	51.662	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	343433	52.297	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	208392	52.920	ug/l	95
56) Ethyl methacrylate	10.876	69	304977	54.296	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	372324	53.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	740488	260.104	ug/l	89
59) 2-Hexanone	11.194	43	958647	250.998	ug/l	87
60) Dibromochloromethane	11.359	129	218566	51.853	ug/l	99
61) 1,2-Dibromoethane	11.470	107	200558	50.743	ug/l	99
64) Tetrachloroethene	11.106	164	185741	58.386	ug/l	97
65) Chlorobenzene	11.894	112	545098	51.158	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	208160	54.223	ug/l	98
67) Ethyl Benzene	11.965	91	1013841	54.614	ug/l	96
68) m/p-Xylenes	12.070	106	760515	109.975	ug/l	95
69) o-Xylene	12.400	106	365041	54.818	ug/l	93
70) Styrene	12.412	104	618273	57.773	ug/l	99
71) Bromoform	12.582	173	148288	54.398	ug/l #	99
73) Isopropylbenzene	12.694	105	924271	51.995	ug/l	99
74) N-amyl acetate	12.494	43	374740	48.296	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	295465	46.879	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	257582m	46.842	ug/l	
77) Bromobenzene	12.982	156	217975	50.085	ug/l	96
78) n-propylbenzene	13.035	91	1099380	54.006	ug/l	97
79) 2-Chlorotoluene	13.129	91	663294	51.005	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	763447	55.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	81471	40.310	ug/l #	74
82) 4-Chlorotoluene	13.223	91	665550	51.503	ug/l	99
83) tert-Butylbenzene	13.441	119	622295	54.968	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	758602	55.750	ug/l	100
85) sec-Butylbenzene	13.617	105	868104	55.347	ug/l	99
86) p-Isopropyltoluene	13.729	119	722597	56.506	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	405812	50.124	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	392330	47.741	ug/l	98
89) n-Butylbenzene	14.059	91	606031	55.023	ug/l	98
90) Hexachloroethane	14.335	117	135670	53.570	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	383558	50.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52396	49.022	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	188532	51.879	ug/l	96
94) Hexachlorobutadiene	15.500	225	85299	51.777	ug/l	99
95) Naphthalene	15.641	128	570020	46.253	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	182792	51.314	ug/l	99

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

