

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079838.D
 Acq On : 03 Nov 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:47:25 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

Manual Integrations APPROVED

Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023

Supervised By :Mahesh
 Dadoda
 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	301645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	473563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	241057	52.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.900%			
35) Dibromofluoromethane	8.171	113	188763	51.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	10.571	98	717437	53.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.853	95	244262	54.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	197429	54.337	ug/l	97
3) Chloromethane	2.365	50	217824	48.099	ug/l	100
4) Vinyl Chloride	2.512	62	288561	60.672	ug/l	99
5) Bromomethane	2.948	94	157852	54.624	ug/l	98
6) Chloroethane	3.118	64	189461	50.415	ug/l	96
7) Trichlorofluoromethane	3.500	101	438828	74.183	ug/l	99
8) Diethyl Ether	3.959	74	111582	49.707	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	177703	51.820	ug/l	99
10) Methyl Iodide	4.589	142	195852	50.013	ug/l	97
11) Tert butyl alcohol	5.518	59	129135	220.121	ug/l	99
12) 1,1-Dichloroethene	4.342	96	167451	51.573	ug/l #	79
13) Acrolein	4.177	56	139115	321.309	ug/l	96
14) Allyl chloride	5.024	41	276474	55.595	ug/l #	90
15) Acrylonitrile	5.712	53	468381	256.195	ug/l	99
16) Acetone	4.424	43	444056	275.081	ug/l	93
17) Carbon Disulfide	4.712	76	473797	50.589	ug/l	100
18) Methyl Acetate	5.018	43	379320	49.115	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	587283	52.537	ug/l	93
20) Methylene Chloride	5.283	84	206312	50.651	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	195139	53.888	ug/l #	80
22) Diisopropyl ether	6.671	45	680936	59.086	ug/l #	89
23) Vinyl Acetate	6.600	43	1789898	281.567	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	394076	56.259	ug/l	98
25) 2-Butanone	7.483	43	639397	270.487	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	323733	55.883	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	229579	53.001	ug/l	83
28) Bromochloromethane	7.812	49	189954	55.646	ug/l #	75
29) Tetrahydrofuran	7.835	42	404663	263.116	ug/l #	74
30) Chloroform	7.965	83	402643	52.919	ug/l	94
31) Cyclohexane	8.259	56	309857	51.024	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	339758	54.803	ug/l	94
36) 1,1-Dichloropropene	8.371	75	296937	56.888	ug/l	94
37) Ethyl Acetate	7.559	43	251004	52.433	ug/l #	90
38) Carbon Tetrachloride	8.365	117	293195	55.735	ug/l	98
39) Methylcyclohexane	9.606	83	278597	56.715	ug/l #	86
40) Benzene	8.606	78	869824	55.637	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	144386	56.799	ug/l	#	84
42) 1,2-Dichloroethane	8.671	62	317509	58.141	ug/l		97
43) Isopropyl Acetate	8.688	43	428806	51.078	ug/l	#	92
44) Trichloroethene	9.353	130	209666	54.045	ug/l		100
45) 1,2-Dichloropropane	9.624	63	235261	58.884	ug/l		96
46) Dibromomethane	9.712	93	149106	54.656	ug/l		94
47) Bromodichloromethane	9.888	83	317483	54.568	ug/l		96
48) Methyl methacrylate	9.682	41	214364	58.296	ug/l	#	79
49) 1,4-Dioxane	9.694	88	63274	973.813	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	1309053	276.966	ug/l		90
52) Toluene	10.629	92	533902	57.604	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	332681	58.328	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	367632	59.135	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	207487	55.658	ug/l		96
56) Ethyl methacrylate	10.876	69	300176	56.451	ug/l	#	82
57) 1,3-Dichloropropane	11.165	76	374881	57.050	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	728131	270.169	ug/l	#	88
59) 2-Hexanone	11.200	43	970368	268.377	ug/l		87
60) Dibromochloromethane	11.359	129	223267	55.951	ug/l		99
61) 1,2-Dibromoethane	11.471	107	203890	54.492	ug/l		96
64) Tetrachloroethene	11.106	164	178552	58.216	ug/l		95
65) Chlorobenzene	11.894	112	564887	54.990	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	207231	55.992	ug/l		97
67) Ethyl Benzene	11.965	91	1035907	57.881	ug/l		96
68) m/p-Xylenes	12.070	106	767243	115.080	ug/l		94
69) o-Xylene	12.400	106	371905	57.929	ug/l		94
70) Styrene	12.412	104	628147	60.882	ug/l		98
71) Bromoform	12.582	173	145702	55.441	ug/l	#	100
73) Isopropylbenzene	12.700	105	933218	55.310	ug/l		99
74) N-amyl acetate	12.494	43	371573	50.454	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	292286	48.859	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	256389m	49.123	ug/l		
77) Bromobenzene	12.982	156	224979	54.464	ug/l		97
78) n-propylbenzene	13.035	91	1113006	57.604	ug/l		98
79) 2-Chlorotoluene	13.129	91	672384	54.474	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	760680	57.947	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	88997	46.393	ug/l	#	81
82) 4-Chlorotoluene	13.223	91	675241	55.052	ug/l		100
83) tert-Butylbenzene	13.441	119	615463	57.277	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	767761	59.445	ug/l		99
85) sec-Butylbenzene	13.617	105	861725	57.883	ug/l		99
86) p-Isopropyltoluene	13.729	119	709608	58.464	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	409956	53.349	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	410841	52.672	ug/l		99
89) n-Butylbenzene	14.059	91	613831	58.717	ug/l		99
90) Hexachloroethane	14.335	117	132742	55.222	ug/l		92
91) 1,2-Dichlorobenzene	14.106	146	392406	54.094	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49281	48.577	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	182691	52.965	ug/l		98
94) Hexachlorobutadiene	15.506	225	84651	54.137	ug/l		98
95) Naphthalene	15.641	128	533835	45.637	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	174220	51.527	ug/l		97

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

