

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079107.D
 Acq On : 29 Aug 2023 20:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 23:32:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Supervised By : Mahesh
 Dadoda
 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	176685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136051	49.484	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.171	113	112537	54.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.400%		
50) Toluene-d8	10.570	98	394622	51.187	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.380%		
62) 4-Bromofluorobenzene	12.853	95	139825	55.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	124533	50.797	ug/l	100
3) Chloromethane	2.365	50	140967	41.183	ug/l	98
4) Vinyl Chloride	2.512	62	157549	52.484	ug/l	98
5) Bromomethane	2.924	94	84602	49.088	ug/l	94
6) Chloroethane	3.106	64	104923	49.999	ug/l	97
7) Trichlorofluoromethane	3.483	101	201259	55.046	ug/l	98
8) Diethyl Ether	3.965	74	75307	54.331	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.365	101	102495	52.635	ug/l	97
10) Methyl Iodide	4.594	142	132709	60.912	ug/l	95
11) Tert butyl alcohol	5.530	59	122665	265.884	ug/l	100
12) 1,1-Dichloroethene	4.335	96	98487	51.921	ug/l #	77
13) Acrolein	4.183	56	57685	226.915	ug/l	98
14) Allyl chloride	5.018	41	197337	52.271	ug/l #	86
15) Acrylonitrile	5.724	53	337919	270.374	ug/l	98
16) Acetone	4.435	43	285842	251.969	ug/l	91
17) Carbon Disulfide	4.706	76	278528	52.457	ug/l	98
18) Methyl Acetate	5.030	43	250689	52.310	ug/l #	82
19) Methyl tert-butyl Ether	5.806	73	369917	54.138	ug/l	93
20) Methylene Chloride	5.277	84	125750	52.015	ug/l #	78
21) trans-1,2-Dichloroethene	5.788	96	113680	53.445	ug/l #	80
22) Diisopropyl ether	6.677	45	422342	52.881	ug/l #	90
23) Vinyl Acetate	6.612	43	1386214	263.601	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	225536	51.692	ug/l	99
25) 2-Butanone	7.488	43	488227	268.434	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	146828	41.632	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	133434	51.612	ug/l	86
28) Bromochloromethane	7.818	49	113069	48.853	ug/l #	74
29) Tetrahydrofuran	7.841	42	335407	278.610	ug/l #	70
30) Chloroform	7.971	83	235359	53.994	ug/l	91
31) Cyclohexane	8.259	56	185224	54.245	ug/l	85
32) 1,1,1-Trichloroethane	8.176	97	199632	53.711	ug/l	92
36) 1,1-Dichloropropene	8.376	75	173627	55.592	ug/l	94
37) Ethyl Acetate	7.571	43	196319	56.180	ug/l #	89
38) Carbon Tetrachloride	8.365	117	178598	57.070	ug/l	97
39) Methylcyclohexane	9.606	83	165918	57.762	ug/l #	85
40) Benzene	8.612	78	500497	54.215	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.788	41	106444	55.929	ug/l	#	81
42) 1,2-Dichloroethane	8.676	62	191187	55.434	ug/l		98
43) Isopropyl Acetate	8.694	43	342410	55.438	ug/l	#	85
44) Trichloroethene	9.359	130	124317	56.675	ug/l		89
45) 1,2-Dichloropropane	9.623	63	134943	54.902	ug/l		97
46) Dibromomethane	9.712	93	91979	54.560	ug/l		92
47) Bromodichloromethane	9.894	83	183716	55.188	ug/l		99
48) Methyl methacrylate	9.688	41	153775	54.942	ug/l	#	76
49) 1,4-Dioxane	9.700	88	55889	1172.341	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.453	43	1021180	278.761	ug/l	#	86
52) Toluene	10.635	92	320755	56.592	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	193839	54.297	ug/l		99
54) cis-1,3-Dichloropropene	10.317	75	208121	53.528	ug/l	#	87
55) 1,1,2-Trichloroethane	11.017	97	126625	55.718	ug/l		97
56) Ethyl methacrylate	10.882	69	197231	55.986	ug/l	#	72
57) 1,3-Dichloropropane	11.170	76	226282	55.668	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.165	63	374210	221.287	ug/l		90
59) 2-Hexanone	11.200	43	756829	285.239	ug/l		84
60) Dibromochloromethane	11.364	129	139671	58.403	ug/l		99
61) 1,2-Dibromoethane	11.476	107	131002	56.724	ug/l		96
64) Tetrachloroethene	11.106	164	101674	57.760	ug/l		94
65) Chlorobenzene	11.894	112	334170	55.928	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.964	131	126501	56.023	ug/l		95
67) Ethyl Benzene	11.970	91	588103	54.125	ug/l		99
68) m/p-Xylenes	12.076	106	455208	112.053	ug/l		98
69) o-Xylene	12.406	106	222475	56.296	ug/l		97
70) Styrene	12.417	104	370168	56.176	ug/l		97
71) Bromoform	12.582	173	98718	60.135	ug/l	#	99
73) Isopropylbenzene	12.700	105	552824	50.913	ug/l		98
74) N-amyl acetate	12.500	43	277310	50.597	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	196432	50.103	ug/l		100
76) 1,2,3-Trichloropropane	13.000	75	157367m	50.153	ug/l		
77) Bromobenzene	12.982	156	136858	52.437	ug/l		99
78) n-propylbenzene	13.041	91	656524	52.142	ug/l		99
79) 2-Chlorotoluene	13.129	91	397863	50.940	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	460428	53.509	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	57947	47.177	ug/l	#	82
82) 4-Chlorotoluene	13.223	91	385665	50.464	ug/l		99
83) tert-Butylbenzene	13.441	119	402195	55.631	ug/l		96
84) 1,2,4-Trimethylbenzene	13.488	105	463734	54.428	ug/l		97
85) sec-Butylbenzene	13.623	105	546219	54.899	ug/l		98
86) p-Isopropyltoluene	13.735	119	447961	56.353	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	243444	54.206	ug/l		96
88) 1,4-Dichlorobenzene	13.817	146	233517	51.949	ug/l		98
89) n-Butylbenzene	14.058	91	359885	55.013	ug/l		98
90) Hexachloroethane	14.335	117	88005	55.229	ug/l		87
91) 1,2-Dichlorobenzene	14.111	146	235809	52.798	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35754	55.635	ug/l		98
93) 1,2,4-Trichlorobenzene	15.399	180	91895	58.040	ug/l		98
94) Hexachlorobutadiene	15.505	225	49262	62.408	ug/l		97
95) Naphthalene	15.647	128	279015	46.675	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	97005	55.939	ug/l		95

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

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