

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079959.D
 Acq On : 07 Nov 2023 12:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 04:25:06 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
 11/08/2023
 Supervised By :Mahesh
 Dadoda
 11/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	331041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	286413	56.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.580%
35) Dibromofluoromethane	8.171	113	220503	54.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.760%
50) Toluene-d8	10.571	98	821272	55.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.040%
62) 4-Bromofluorobenzene	12.853	95	302200	61.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.200%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	193075	48.420	ug/l	99
3) Chloromethane	2.359	50	225362	45.205	ug/l	99
4) Vinyl Chloride	2.512	62	281870	54.003	ug/l	100
5) Bromomethane	2.936	94	156967	49.495	ug/l	96
6) Chloroethane	3.112	64	173256	42.009	ug/l	100
7) Trichlorofluoromethane	3.495	101	338776	52.184	ug/l	99
8) Diethyl Ether	3.959	74	129233	52.458	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	191590	50.909	ug/l	99
10) Methyl Iodide	4.589	142	227226	52.872	ug/l	99
11) Tert butyl alcohol	5.524	59	179699	279.111	ug/l	98
12) 1,1-Dichloroethene	4.342	96	178907	50.208	ug/l #	82
13) Acrolein	4.183	56	142686	292.927	ug/l	94
14) Allyl chloride	5.024	41	296211	54.275	ug/l	90
15) Acrylonitrile	5.718	53	571249	284.715	ug/l	100
16) Acetone	4.424	43	529354	298.802	ug/l	93
17) Carbon Disulfide	4.706	76	463185	45.064	ug/l	99
18) Methyl Acetate	5.024	43	482763	56.958	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	692112	56.416	ug/l	95
20) Methylene Chloride	5.277	84	219543	49.113	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	199995	50.325	ug/l #	78
22) Diisopropyl ether	6.671	45	730519	57.759	ug/l #	90
23) Vinyl Acetate	6.606	43	2057770	294.961	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	418782	54.477	ug/l	96
25) 2-Butanone	7.483	43	792449	305.465	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	360730	56.740	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	248261	52.224	ug/l	86
28) Bromochloromethane	7.818	49	182041	48.592	ug/l #	76
29) Tetrahydrofuran	7.835	42	506583	300.137	ug/l #	76
30) Chloroform	7.965	83	432428	51.787	ug/l	91
31) Cyclohexane	8.259	56	331135	49.686	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	374066	54.979	ug/l	95
36) 1,1-Dichloropropene	8.371	75	314768	54.866	ug/l	95
37) Ethyl Acetate	7.565	43	316262	60.108	ug/l #	92
38) Carbon Tetrachloride	8.365	117	319248	55.215	ug/l	97
39) Methylcyclohexane	9.606	83	301238	55.795	ug/l #	87
40) Benzene	8.612	78	929678	54.104	ug/l	99

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41) Methacrylonitrile	7.783	41	173356	62.046	ug/l	#	84
42) 1,2-Dichloroethane	8.671	62	347589	57.910	ug/l		97
43) Isopropyl Acetate	8.694	43	548586	59.454	ug/l	#	89
44) Trichloroethene	9.353	130	219415	51.459	ug/l		95
45) 1,2-Dichloropropane	9.624	63	253949	57.830	ug/l		97
46) Dibromomethane	9.712	93	164253	54.780	ug/l		95
47) Bromodichloromethane	9.894	83	345643	54.052	ug/l		99
48) Methyl methacrylate	9.682	41	258415	63.939	ug/l	#	79
49) 1,4-Dioxane	9.700	88	88855	1244.214	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	1653737	318.345	ug/l		91
52) Toluene	10.635	92	575230	56.468	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	380331	60.670	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	400939	58.678	ug/l	#	90
55) 1,1,2-Trichloroethane	11.018	97	231931	56.605	ug/l		96
56) Ethyl methacrylate	10.876	69	373782	63.955	ug/l	#	85
57) 1,3-Dichloropropane	11.165	76	415660	57.553	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	860068	290.350	ug/l		90
59) 2-Hexanone	11.200	43	1219463	306.860	ug/l		90
60) Dibromochloromethane	11.365	129	248177	56.586	ug/l		100
61) 1,2-Dibromoethane	11.476	107	231024	56.177	ug/l		98
64) Tetrachloroethene	11.106	164	172207	51.613	ug/l		97
65) Chlorobenzene	11.894	112	608925	54.490	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	231045	57.385	ug/l		96
67) Ethyl Benzene	11.965	91	1123967	57.729	ug/l		95
68) m/p-Xylenes	12.076	106	837812	115.516	ug/l		92
69) o-Xylene	12.400	106	407565	58.357	ug/l		91
70) Styrene	12.412	104	687988	61.297	ug/l		97
71) Bromoform	12.582	173	172581	60.365	ug/l	#	99
73) Isopropylbenzene	12.700	105	1040007	56.203	ug/l		100
74) N-amyl acetate	12.500	43	461363	57.121	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.941	83	352338	53.703	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	285121m	49.810	ug/l		
77) Bromobenzene	12.982	156	248005	54.743	ug/l		93
78) n-propylbenzene	13.041	91	1225582	57.836	ug/l		98
79) 2-Chlorotoluene	13.129	91	763590	56.407	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	843274	58.573	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	113532	53.963	ug/l	#	86
82) 4-Chlorotoluene	13.223	91	770767	57.298	ug/l		98
83) tert-Butylbenzene	13.441	119	696142	59.072	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	857461	60.535	ug/l		99
85) sec-Butylbenzene	13.617	105	969354	59.370	ug/l		100
86) p-Isopropyltoluene	13.735	119	804085	60.405	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	453195	53.774	ug/l		99
88) 1,4-Dichlorobenzene	13.817	146	447008	52.255	ug/l		98
89) n-Butylbenzene	14.059	91	694122	60.541	ug/l		99
90) Hexachloroethane	14.335	117	147777	56.055	ug/l		87
91) 1,2-Dichlorobenzene	14.112	146	435861	54.785	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67515	60.682	ug/l		97
93) 1,2,4-Trichlorobenzene	15.394	180	215046	56.846	ug/l		98
94) Hexachlorobutadiene	15.506	225	94991	55.392	ug/l		99
95) Naphthalene	15.647	128	718902	56.038	ug/l		100
96) 1,2,3-Trichlorobenzene	15.847	180	206072	55.573	ug/l		97

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

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