

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078980.D
 Acq On : 22 Aug 2023 09:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 02:55:54 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 :Semsettin Yesilyurt 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	180119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145235	51.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	8.171	113	110981	52.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.840%			
50) Toluene-d8	10.571	98	423564	54.392	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.780%			
62) 4-Bromofluorobenzene	12.853	95	144057	56.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	128247	51.314	ug/l	100
3) Chloromethane	2.365	50	148007	42.416	ug/l	98
4) Vinyl Chloride	2.518	62	150755	49.263	ug/l	100
5) Bromomethane	2.942	94	96747	55.064	ug/l	96
6) Chloroethane	3.112	64	99621	46.567	ug/l	99
7) Trichlorofluoromethane	3.495	101	189507	50.843	ug/l	99
8) Diethyl Ether	3.959	74	66468	47.040	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.371	101	99205	49.974	ug/l	99
10) Methyl Iodide	4.589	142	118774	53.476	ug/l	96
11) Tert butyl alcohol	5.524	59	95538	203.136	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95551	49.413	ug/l	84
13) Acrolein	4.183	56	69442	283.837	ug/l	95
14) Allyl chloride	5.030	41	172136	44.726	ug/l #	86
15) Acrylonitrile	5.724	53	300747	236.044	ug/l	99
16) Acetone	4.430	43	320861	277.446	ug/l	91
17) Carbon Disulfide	4.712	76	276412	51.066	ug/l	98
18) Methyl Acetate	5.024	43	216082	44.229	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	345177	49.554	ug/l	94
20) Methylene Chloride	5.277	84	120009	48.694	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	112008	51.655	ug/l #	82
22) Diisopropyl ether	6.677	45	418010	51.340	ug/l #	90
23) Vinyl Acetate	6.606	43	1326137	247.369	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	222205	49.957	ug/l	99
25) 2-Butanone	7.483	43	444168	239.553	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	184307	51.263	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	129168	49.010	ug/l	83
28) Bromochloromethane	7.818	49	118951	50.414	ug/l #	71
29) Tetrahydrofuran	7.841	42	283543	231.039	ug/l #	72
30) Chloroform	7.971	83	226419	50.953	ug/l	98
31) Cyclohexane	8.259	56	174649	49.963	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	196598	51.887	ug/l	94
36) 1,1-Dichloropropene	8.377	75	172520	54.686	ug/l	95
37) Ethyl Acetate	7.565	43	177351	50.245	ug/l #	87
38) Carbon Tetrachloride	8.365	117	169008	53.466	ug/l	98
39) Methylcyclohexane	9.606	83	141828	48.882	ug/l #	88
40) Benzene	8.612	78	491305	52.688	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	100991	52.534	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	182162	52.289	ug/l	98
43) Isopropyl Acetate	8.694	43	298439	47.836	ug/l #	86
44) Trichloroethene	9.359	130	120922	54.577	ug/l	94
45) 1,2-Dichloropropane	9.624	63	134821	54.305	ug/l	98
46) Dibromomethane	9.712	93	88255	51.828	ug/l	95
47) Bromodichloromethane	9.894	83	185786	55.252	ug/l	96
48) Methyl methacrylate	9.688	41	141285	49.975	ug/l #	76
49) 1,4-Dioxane	9.694	88	45109	936.768	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	902993	244.037	ug/l #	86
52) Toluene	10.635	92	307213	53.661	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	196918	54.609	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	211061	53.742	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	119423	52.024	ug/l	97
56) Ethyl methacrylate	10.877	69	185072	52.010	ug/l #	74
57) 1,3-Dichloropropane	11.171	76	212405	51.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	390656	228.706	ug/l	89
59) 2-Hexanone	11.200	43	653499	243.836	ug/l	84
60) Dibromochloromethane	11.365	129	133323	55.192	ug/l	99
61) 1,2-Dibromoethane	11.471	107	120981	51.862	ug/l	99
64) Tetrachloroethene	11.106	164	94351	53.587	ug/l	95
65) Chlorobenzene	11.894	112	314946	52.698	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	120337	53.280	ug/l	97
67) Ethyl Benzene	11.965	91	581284	53.484	ug/l	96
68) m/p-Xylenes	12.071	106	443679	109.188	ug/l	96
69) o-Xylene	12.400	106	216288	54.718	ug/l	98
70) Styrene	12.418	104	360011	54.621	ug/l	98
71) Bromoform	12.582	173	89740	54.653	ug/l #	99
73) Isopropylbenzene	12.700	105	517570	48.760	ug/l	99
74) N-amyl acetate	12.500	43	246162	45.944	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	183963	47.999	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	140475m	45.797	ug/l	
77) Bromobenzene	12.982	156	126200	49.462	ug/l	96
78) n-propylbenzene	13.041	91	604880	49.142	ug/l	100
79) 2-Chlorotoluene	13.129	91	375395	49.166	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	419925	49.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	58024	48.324	ug/l #	77
82) 4-Chlorotoluene	13.224	91	372232	49.824	ug/l	98
83) tert-Butylbenzene	13.441	119	324910	45.972	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	423276	50.819	ug/l	98
85) sec-Butylbenzene	13.618	105	452739	46.547	ug/l	100
86) p-Isopropyltoluene	13.735	119	381463	49.088	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	223779	50.970	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	218272	49.671	ug/l	99
89) n-Butylbenzene	14.059	91	304359	47.592	ug/l	98
90) Hexachloroethane	14.335	117	72817	46.745	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	219904	50.366	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29787	46.712	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	73553	47.521	ug/l	97
94) Hexachlorobutadiene	15.506	225	35546	43.164	ug/l	98
95) Naphthalene	15.647	128	227927	39.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	77070	45.463	ug/l	97

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

