

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031828.D
 Acq On : 17 Aug 2023 13:12
 Operator : SY/MD
 Sample : VSTD02070
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020270

Quant Time: Aug 18 01:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	233339	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	246056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	221733	11.622	ug/L	0.00
7) Chloroethane-d5	1.526	69	193668	10.803	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	123756	12.269	ug/L	0.00
20) 2-Butanone-d5	3.789	46	938316	181.663	ug/L	-0.02
24) Chloroform-d	4.252	84	770926	17.839	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	389816	17.618	ug/L	0.00
32) Benzene-d6	4.963	84	1429378	20.384	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	467513	18.327	ug/L	0.00
41) Toluene-d8	7.246	98	1403902	21.854	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	167277	20.785	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	926787	245.908	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	347218	18.090	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	523311	21.131	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	372995	15.159	ug/L	100
3) Chloromethane	1.217	50	305349	12.338	ug/L	96
5) Vinyl chloride	1.281	62	321183	13.408	ug/L	100
6) Bromomethane	1.484	94	189238	12.606	ug/L	97
8) Chloroethane	1.542	64	172597	12.104	ug/L	97
9) Trichlorofluoromethane	1.709	101	525303	14.917	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	287194	14.825	ug/L	96
12) 1,1-Dichloroethene	2.069	96	247771	14.105	ug/L	79
13) Acetone	2.121	43	360497	108.959	ug/L	97
14) Carbon disulfide	2.240	76	741420	13.727	ug/L	99
15) Methyl Acetate	2.378	43	106672	15.096	ug/L	91
16) Methylene chloride	2.445	84	284526	12.049	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	637588	19.222	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	257952	16.575	ug/L	100
19) 1,1-Dichloroethane	3.114	63	525968	15.669	ug/L	99
21) 2-Butanone	3.870	43	719835	168.863	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	312861	20.172	ug/L	97
23) Bromochloromethane	4.149	128	147456	18.893	ug/L	98
25) Chloroform	4.278	83	620860	18.614	ug/L	100
27) 1,2-Dichloroethane	5.043	62	370486	17.729	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	541017	18.385	ug/L	99
30) Cyclohexane	4.587	56	442043	21.079	ug/L	98
31) Carbon tetrachloride	4.738	117	481007	18.253	ug/L	99
33) Benzene	5.014	78	1221202	19.533	ug/L	100
34) Trichloroethene	5.838	95	344773	19.439	ug/L	87
35) Methylcyclohexane	6.056	83	469560	21.720	ug/L	95
37) 1,2-Dichloropropane	6.098	63	334875	18.769	ug/L	100
38) Bromodichloromethane	6.436	83	431775	18.384	ug/L #	99
39) cis-1,3-Dichloropropene	6.956	75	490469	22.280	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	2016070	213.603	ug/L	96
42) Toluene	7.320	91	1332455	22.373	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	422661	21.612	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	246148	18.493	ug/L	97
47) Tetrachloroethene	7.908	164	256285	20.691	ug/L	96
48) 2-Hexanone	8.079	43	1469576	211.278	ug/L	97
49) Dibromochloromethane	8.181	129	300555	20.864	ug/L	99
50) 1,2-Dibromoethane	8.288	107	238186	19.045	ug/L	95
51) Chlorobenzene	8.818	112	810734	20.304	ug/L	93
52) Ethylbenzene	8.950	91	1441858	23.892	ug/L	100
53) m,p-Xylene	9.079	106	547367	25.035	ug/L	92
54) o-Xylene	9.484	106	513881	24.926	ug/L	97
55) Styrene	9.500	104	965805	25.042	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	242412	17.316	ug/L	95
59) Bromoform	9.670	173	173109	18.749	ug/L	98
60) Isopropylbenzene	9.873	105	1408099	22.717	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	196592	15.974	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	1181010	23.630	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	1218010	24.406	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	707914	20.888	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	675042	18.976	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	667215	20.720	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	47511	19.432	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	508520	20.416	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	448730	22.957	ug/L	100
71) Naphthalene	13.445	128	714957	23.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	413655	22.955	ug/L	99

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

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