

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031827.D
 Acq On : 17 Aug 2023 12:48
 Operator : SY/MD
 Sample : VSTD01069
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010269

Quant Time: Aug 18 02:17:41 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	216008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	140765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	137056	7.760	ug/L	0.00
7) Chloroethane-d5	1.532	69	148711	8.961	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	75455	8.081	ug/L	0.00
20) 2-Butanone-d5	3.812	46	529995	110.842	ug/L	0.00
24) Chloroform-d	4.252	84	390306	9.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	192817	9.414	ug/L	0.00
32) Benzene-d6	4.963	84	683384	10.161	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	224476	9.175	ug/L	0.00
41) Toluene-d8	7.246	98	666562	10.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	68773	8.909	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	400162	110.701	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	166319	9.034	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	249143	10.128	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	193813	8.509	ug/L	99
3) Chloromethane	1.217	50	197154	8.605	ug/L	96
5) Vinyl chloride	1.281	62	190840	8.606	ug/L	94
6) Bromomethane	1.487	94	118256	8.509	ug/L	97
8) Chloroethane	1.548	64	115952	8.784	ug/L	97
9) Trichlorofluoromethane	1.712	101	294973	9.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	163230	9.102	ug/L	98
12) 1,1-Dichloroethene	2.069	96	142377	8.755	ug/L	89
13) Acetone	2.143	43	242322	79.117	ug/L	99
14) Carbon disulfide	2.240	76	404366	8.087	ug/L	100
15) Methyl Acetate	2.388	43	74521	11.393	ug/L	95
16) Methylene chloride	2.449	84	159956	7.317	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	313945	10.224	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	135013	9.371	ug/L	97
19) 1,1-Dichloroethane	3.114	63	295236	9.501	ug/L	99
21) 2-Butanone	3.895	43	406391	102.983	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	147276	10.258	ug/L	93
23) Bromochloromethane	4.153	128	72340	10.012	ug/L	94
25) Chloroform	4.281	83	312533	10.122	ug/L	100
27) 1,2-Dichloroethane	5.047	62	179861	9.297	ug/L #	75
29) 1,1,1-Trichloroethane	4.519	97	266921	9.457	ug/L	98
30) Cyclohexane	4.587	56	195835	9.737	ug/L	99
31) Carbon tetrachloride	4.741	117	233390	9.234	ug/L	98
33) Benzene	5.014	78	587583	9.799	ug/L	100
34) Trichloroethene	5.838	95	156998	9.229	ug/L	87
35) Methylcyclohexane	6.056	83	200680	9.678	ug/L	97
37) 1,2-Dichloropropane	6.098	63	146811	8.579	ug/L	99
38) Bromodichloromethane	6.439	83	195683	8.687	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	209892	9.941	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	949341	104.869	ug/L	98
42) Toluene	7.320	91	609378	10.668	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	175923	9.379	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	117950	9.239	ug/L	97
47) Tetrachloroethene	7.908	164	118201	9.950	ug/L	92
48) 2-Hexanone	8.082	43	735321	110.221	ug/L	98
49) Dibromochloromethane	8.181	129	142001	10.277	ug/L	99
50) 1,2-Dibromoethane	8.288	107	113683	9.477	ug/L	98
51) Chlorobenzene	8.818	112	384874	10.050	ug/L	95
52) Ethylbenzene	8.953	91	613861	10.605	ug/L	99
53) m,p-Xylene	9.079	106	238777	11.387	ug/L	95
54) o-Xylene	9.484	106	223742	11.315	ug/L	98
55) Styrene	9.500	104	425754	11.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	120764	8.994	ug/L	96
59) Bromoform	9.670	173	75550	8.237	ug/L	99
60) Isopropylbenzene	9.873	105	571342	9.279	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	105171	8.603	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	488859	9.847	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	504782	10.182	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	328770	9.766	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	340001	9.622	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	310392	9.704	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	21692	8.932	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	240829	9.734	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	193260	9.953	ug/L	99
71) Naphthalene	13.445	128	275979	8.945	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	183995	10.279	ug/L	99

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

