

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053023\
 Data File : VV031269.D
 Acq On : 30 May 2023 15:34
 Operator : SY/MD
 Sample : VSTD01050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

Quant Time: May 31 04:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 04:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	125512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	111258	8.364	ug/L	0.00
7) Chloroethane-d5	1.536	69	115312	10.622	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	58270	10.304	ug/L	0.00
20) 2-Butanone-d5	3.815	46	417889	134.684	ug/L	0.00
24) Chloroform-d	4.259	84	273608	10.119	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	147507	10.850	ug/L	0.00
32) Benzene-d6	4.970	84	507467	9.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	176288	10.134	ug/L	0.00
41) Toluene-d8	7.249	98	463778	10.328	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	62032	11.138	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	320213	134.986	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	134502	10.643	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	158820	9.458	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	194684	13.390	ug/L	99
3) Chloromethane	1.217	50	182866	11.589	ug/L	100
5) Vinyl chloride	1.285	62	186641	12.269	ug/L	99
6) Bromomethane	1.491	94	104991	13.314	ug/L	99
8) Chloroethane	1.552	64	113760	13.566	ug/L	95
9) Trichlorofluoromethane	1.716	101	283104	13.346	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	155705	13.743	ug/L	98
12) 1,1-Dichloroethene	2.073	96	131546	14.180	ug/L	95
13) Acetone	2.150	43	339406	144.671	ug/L	97
14) Carbon disulfide	2.243	76	407557	14.585	ug/L	98
15) Methyl Acetate	2.391	43	60152	12.514	ug/L	98
16) Methylene chloride	2.452	84	141663	10.036	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	304387	12.489	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	128230	12.883	ug/L	99
19) 1,1-Dichloroethane	3.118	63	281019	11.709	ug/L	98
21) 2-Butanone	3.896	43	444447	146.369	ug/L	97
22) cis-1,2-Dichloroethene	3.822	96	137985	12.276	ug/L	98
23) Bromochloromethane	4.156	128	60784	12.233	ug/L	91
25) Chloroform	4.288	83	296309	11.977	ug/L	100
27) 1,2-Dichloroethane	5.050	62	173782	12.513	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	244959	10.425	ug/L	99
30) Cyclohexane	4.593	56	252698	13.299	ug/L	98
31) Carbon tetrachloride	4.745	117	221141	10.841	ug/L	98
33) Benzene	5.018	78	575506	11.967	ug/L	100
34) Trichloroethene	5.841	95	148433	11.483	ug/L	99
35) Methylcyclohexane	6.060	83	244193	13.383	ug/L	98
37) 1,2-Dichloropropane	6.101	63	157830	11.335	ug/L	100
38) Bromodichloromethane	6.439	83	193709	11.203	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	219045	13.210	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	962708	139.177	ug/L	99
42) Toluene	7.323	91	605267	12.796	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	183219	12.787	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.777	97	102281	12.187	ug/L	99
47) Tetrachloroethene	7.912	164	112099	11.795	ug/L	94
48) 2-Hexanone	8.085	43	751975	137.372	ug/L	98
49) Dibromochloromethane	8.185	129	117609	11.308	ug/L	100
50) 1,2-Dibromoethane	8.291	107	96334	11.979	ug/L	96
51) Chlorobenzene	8.822	112	355815	11.457	ug/L	99
52) Ethylbenzene	8.953	91	663238	12.546	ug/L	98
53) m,p-Xylene	9.079	106	237610	12.211	ug/L	97
54) o-Xylene	9.487	106	226847	12.239	ug/L	98
55) Styrene	9.503	104	414380	12.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	123069	11.474	ug/L	99
59) Bromoform	9.674	173	64445	10.777	ug/L	98
60) Isopropylbenzene	9.876	105	647797	12.046	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	87963	10.980	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	536253	12.267	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	562402	12.578	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	288447	11.168	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	291670	11.209	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	270801	11.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	20624	11.582	ug/L #	91
69) 1,3,5-Trichlorobenzene	12.590	180	214401	10.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	170129	10.656	ug/L	99
71) Naphthalene	13.445	128	252611	10.576	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	154618	11.273	ug/L	99

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

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