

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053023\
 Data File : VW031270.D
 Acq On : 30 May 2023 15:56
 Operator : SY/MD
 Sample : VSTD02051
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020251

Quant Time: May 31 04:57:03 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	5.545	114	130918	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	76863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223045	16.038	ug/L	0.00
7) Chloroethane-d5	1.536	69	233714	20.590	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	116440	19.694	ug/L	0.00
20) 2-Butanone-d5	3.809	46	888444	273.864	ug/L	0.00
24) Chloroform-d	4.259	84	546221	19.321	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	295808	20.809	ug/L	0.00
32) Benzene-d6	4.966	84	1035079	19.294	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	360614	19.889	ug/L	0.00
41) Toluene-d8	7.249	98	938643	20.055	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	129727	22.349	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	703132	284.385	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	277165	21.043	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	333965	18.520	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	397914	26.174	ug/L	98
3) Chloromethane	1.217	50	376937	22.847	ug/L	100
5) Vinyl chloride	1.285	62	387370	24.354	ug/L	100
6) Bromomethane	1.491	94	218350	26.482	ug/L	97
8) Chloroethane	1.552	64	232481	26.515	ug/L	98
9) Trichlorofluoromethane	1.716	101	604273	27.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	316725	26.737	ug/L	99
12) 1,1-Dichloroethene	2.072	96	272296	28.073	ug/L	92
13) Acetone	2.146	43	635872	259.228	ug/L	99
14) Carbon disulfide	2.243	76	844653	28.909	ug/L	99
15) Methyl Acetate	2.388	43	124433	24.758	ug/L	98
16) Methylene chloride	2.452	84	284170	19.255	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	670790	26.323	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	267368	25.691	ug/L	100
19) 1,1-Dichloroethane	3.117	63	577190	23.001	ug/L	97
21) 2-Butanone	3.892	43	916551	288.692	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	303016	25.783	ug/L	98
23) Bromochloromethane	4.156	128	125172	24.094	ug/L	93
25) Chloroform	4.285	83	592897	22.921	ug/L	97
27) 1,2-Dichloroethane	5.050	62	361996	24.930	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	505267	20.631	ug/L	99
30) Cyclohexane	4.593	56	555358	28.042	ug/L	97
31) Carbon tetrachloride	4.744	117	453627	21.337	ug/L	98
33) Benzene	5.018	78	1183202	23.606	ug/L	100
34) Trichloroethene	5.841	95	312849	23.222	ug/L	100
35) Methylcyclohexane	6.059	83	538885	28.335	ug/L	97
37) 1,2-Dichloropropane	6.101	63	329938	22.735	ug/L	99
38) Bromodichloromethane	6.439	83	405414	22.497	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	484042	28.008	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	2046553	283.869	ug/L	98
42) Toluene	7.323	91	1267408	25.707	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	403342	27.009	ug/L	98

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

45) 1,1,2-Trichloroethane	7.776	97	209627	23.965	ug/L	99
47) Tetrachloroethene	7.911	164	231092	23.329	ug/L	96
48) 2-Hexanone	8.082	43	1534111	268.888	ug/L	98
49) Dibromochloromethane	8.185	129	245424	22.641	ug/L	99
50) 1,2-Dibromoethane	8.291	107	203837	24.318	ug/L	99
51) Chlorobenzene	8.821	112	744862	23.012	ug/L	97
52) Ethylbenzene	8.953	91	1436685	26.075	ug/L	99
53) m,p-Xylene	9.079	106	512989	25.294	ug/L	97
54) o-Xylene	9.484	106	496631	25.707	ug/L	99
55) Styrene	9.503	104	872935	25.547	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	258484	23.122	ug/L	98
59) Bromoform	9.670	173	142269	22.154	ug/L	99
60) Isopropylbenzene	9.873	105	1409551	24.408	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	186889	21.724	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	1213391	25.848	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	1247361	25.978	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	628495	22.661	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	625458	22.383	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	576105	22.134	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	46235	24.178	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	471403	21.337	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	394868	23.032	ug/L	99
71) Naphthalene	13.445	128	636522	24.818	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	349329	23.717	ug/L	99

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

