

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030087.D
 Acq On : 23 Feb 2023 11:18
 Operator : SY/MD
 Sample : VSTD01025
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010225

Quant Time: Feb 23 21:18:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	200109	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	190130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	112888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	132225	10.212	ug/L	0.00
7) Chloroethane-d5	1.539	69	124222	10.220	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	274481	10.311	ug/L	0.00
20) 2-Butanone-d5	3.815	46	263341	112.134	ug/L	-0.02
24) Chloroform-d	4.259	84	274293	10.370	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	115971	10.741	ug/L	0.00
32) Benzene-d6	4.969	84	536790	10.492	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	160088	10.401	ug/L	0.00
41) Toluene-d8	7.252	98	518847	10.699	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	57659	10.950	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	252258	116.710	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	115833	10.579	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	196235	10.274	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	167930	10.314	ug/L	99
3) Chloromethane	1.217	50	234131	9.126	ug/L	99
5) Vinyl chloride	1.288	62	176973	10.379	ug/L	99
6) Bromomethane	1.494	94	30711	10.034	ug/L	98
8) Chloroethane	1.555	64	106803	10.281	ug/L	100
9) Trichlorofluoromethane	1.719	101	258053	10.549	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	157365	10.372	ug/L	99
12) 1,1-Dichloroethene	2.076	96	137315	10.225	ug/L	95
13) Acetone	2.146	43	171868	98.099	ug/L #	48
14) Carbon disulfide	2.246	76	369217	10.275	ug/L	99
15) Methyl Acetate	2.391	43	40531	9.803	ug/L	97
16) Methylene chloride	2.455	84	135667	8.269	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	281755	10.729	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	133750	10.470	ug/L	100
19) 1,1-Dichloroethane	3.121	63	248253	10.432	ug/L	98
21) 2-Butanone	3.895	43	257232	108.402	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	150090	10.629	ug/L	97
23) Bromochloromethane	4.159	128	64714	10.725	ug/L	98
25) Chloroform	4.288	83	256638	10.366	ug/L	98
27) 1,2-Dichloroethane	5.050	62	135514	10.465	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	235824	10.559	ug/L	99
30) Cyclohexane	4.593	56	207672	10.761	ug/L	99
31) Carbon tetrachloride	4.744	117	209014	10.412	ug/L	98
33) Benzene	5.021	78	543817	10.473	ug/L	100
34) Trichloroethene	5.841	95	151296	10.398	ug/L	99
35) Methylcyclohexane	6.059	83	236671	10.748	ug/L	99
37) 1,2-Dichloropropane	6.101	63	139839	10.586	ug/L	100
38) Bromodichloromethane	6.442	83	177938	10.551	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	212297	10.978	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	612591	112.378	ug/L	99
42) Toluene	7.323	91	605412	10.765	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	166425	11.024	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	96988	10.261	ug/L	99
47) Tetrachloroethene	7.915	164	130330	10.435	ug/L	99
48) 2-Hexanone	8.085	43	434441	113.146	ug/L	99
49) Dibromochloromethane	8.185	129	119581	10.811	ug/L	97
50) 1,2-Dibromoethane	8.291	107	94279	10.690	ug/L	95
51) Chlorobenzene	8.821	112	396636	10.457	ug/L	100
52) Ethylbenzene	8.953	91	674080	11.013	ug/L	100
53) m,p-Xylene	9.082	106	262471	11.158	ug/L	99
54) o-Xylene	9.487	106	251997	11.215	ug/L	99
55) Styrene	9.503	104	430872	11.531	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	112746	10.663	ug/L	99
59) Bromoform	9.673	173	69074	10.209	ug/L	99
60) Isopropylbenzene	9.876	105	703150	10.825	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	76696	10.151	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	592305	11.101	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	610470	11.185	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	350340	10.359	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	346491	10.154	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	309734	10.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	17923	10.621	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	289016	10.395	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	230599	10.238	ug/L	98
71) Naphthalene	13.448	128	322504	10.957	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	193259	10.423	ug/L	100

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

