

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092923\
 Data File : VW032186.D
 Acq On : 29 Sep 2023 11:36
 Operator : SY/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020202

Quant Time: Sep 30 04:10:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:07:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	112455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207149	28.665	ug/L	0.00
7) Chloroethane-d5	1.532	69	165776	23.655	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	84967	22.193	ug/L	0.00
20) 2-Butanone-d5	3.812	46	545901	239.407	ug/L	-0.01
24) Chloroform-d	4.249	84	362492	19.368	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	173508	19.068	ug/L	0.00
32) Benzene-d6	4.963	84	734109	24.379	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	231602	22.119	ug/L	0.00
41) Toluene-d8	7.246	98	675507	25.140	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	93376	28.145	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	440121	279.655	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	171147	24.194	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	239098	22.700	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	255004	24.108	ug/L	99
3) Chloromethane	1.217	50	247705	23.915	ug/L	99
5) Vinyl chloride	1.281	62	242063	23.949	ug/L	100
6) Bromomethane	1.487	94	144414	22.175	ug/L	98
8) Chloroethane	1.548	64	144034	23.207	ug/L	99
9) Trichlorofluoromethane	1.712	101	293446	19.608	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	175500	20.562	ug/L	98
12) 1,1-Dichloroethene	2.069	96	164978	21.761	ug/L	96
13) Acetone	2.166	43	366171	260.364	ug/L	99
14) Carbon disulfide	2.240	76	592851	26.969	ug/L	99
15) Methyl Acetate	2.387	43	89168	24.754	ug/L	99
16) Methylene chloride	2.445	84	193398	19.111	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	467739	27.968	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	188897	25.499	ug/L	99
19) 1,1-Dichloroethane	3.111	63	359537	23.608	ug/L	100
21) 2-Butanone	3.892	43	583191	295.500	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	209786	27.348	ug/L	95
23) Bromochloromethane	4.149	128	89314	24.129	ug/L	98
25) Chloroform	4.278	83	351496	22.141	ug/L	99
27) 1,2-Dichloroethane	5.043	62	209721	22.354	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	300950	23.544	ug/L	98
30) Cyclohexane	4.584	56	331733	32.836	ug/L	98
31) Carbon tetrachloride	4.738	117	259081	23.469	ug/L	98
33) Benzene	5.011	78	772648	27.607	ug/L	100
34) Trichloroethene	5.834	95	212283	26.762	ug/L	97
35) Methylcyclohexane	6.053	83	327716	33.494	ug/L	99
37) 1,2-Dichloropropane	6.095	63	200980	25.800	ug/L	100
38) Bromodichloromethane	6.436	83	254261	25.030	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	322004	32.913	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	1344885	310.236	ug/L	99
42) Toluene	7.317	91	834613	29.760	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	262778	31.038	ug/L	100

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

45) 1,1,2-Trichloroethane	7.773	97	143619	24.602	ug/L	99
47) Tetrachloroethene	7.908	164	157221	27.153	ug/L	98
48) 2-Hexanone	8.079	43	969265	293.047	ug/L	99
49) Dibromochloromethane	8.181	129	162339	25.192	ug/L	94
50) 1,2-Dibromoethane	8.284	107	137955	25.700	ug/L	96
51) Chlorobenzene	8.815	112	528238	27.641	ug/L	98
52) Ethylbenzene	8.950	91	929428	31.749	ug/L	99
53) m,p-Xylene	9.075	106	351156	32.878	ug/L	100
54) o-Xylene	9.480	106	340517	33.538	ug/L	99
55) Styrene	9.496	104	591334	32.494	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	163473	27.193	ug/L	98
59) Bromoform	9.667	173	91205	25.148	ug/L	99
60) Isopropylbenzene	9.869	105	925497	32.825	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	120466	23.351	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	766914	33.234	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	774034	33.459	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	427824	28.000	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	428612	27.793	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	386604	26.821	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	27556	27.781	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	319352	28.910	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	286125	30.045	ug/L	99
71) Naphthalene	13.442	128	506907	35.129	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	250187	29.554	ug/L	99

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

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