

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092923\
 Data File : VV032184.D
 Acq On : 29 Sep 2023 10:47
 Operator : SY/MD
 Sample : VSTD00580
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005280

Quant Time: Sep 30 04:09:06 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	5.539	114	116185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48466	6.491	ug/L	0.00
7) Chloroethane-d5	1.532	69	39348	5.434	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	20048	5.068	ug/L	0.00
20) 2-Butanone-d5	3.825	46	119098	50.554	ug/L	0.00
24) Chloroform-d	4.256	84	86404	4.468	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	40670	4.326	ug/L	0.00
32) Benzene-d6	4.963	84	172822	5.697	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	52900	5.015	ug/L	0.00
41) Toluene-d8	7.246	98	157809	5.829	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	20326	6.081	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	95926	60.500	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38512	5.404	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	55078	5.375	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	64717	5.922	ug/L	100
3) Chloromethane	1.217	50	63259	5.911	ug/L	100
5) Vinyl chloride	1.281	62	60849	5.827	ug/L	100
6) Bromomethane	1.487	94	36659	5.448	ug/L	100
8) Chloroethane	1.548	64	36477	5.689	ug/L	100
9) Trichlorofluoromethane	1.716	101	74156	4.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44225	5.015	ug/L	100
12) 1,1-Dichloroethene	2.069	96	41688	5.322	ug/L	100
13) Acetone	2.153	43	94414	64.977	ug/L	100
14) Carbon disulfide	2.240	76	146022	6.429	ug/L	100
15) Methyl Acetate	2.394	43	20585	5.531	ug/L	100
16) Methylene chloride	2.449	84	50910	4.869	ug/L	100
17) Methyl tert-butyl Ether	2.709	73	114379	6.620	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	47813	6.247	ug/L	100
19) 1,1-Dichloroethane	3.114	63	90381	5.744	ug/L	100
21) 2-Butanone	3.902	43	141204	69.250	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	52398	6.611	ug/L	100
23) Bromochloromethane	4.153	128	22216	5.809	ug/L	100
25) Chloroform	4.281	83	88344	5.386	ug/L	100
27) 1,2-Dichloroethane	5.050	62	51613	5.325	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	75078	5.830	ug/L	100
30) Cyclohexane	4.584	56	82289	8.085	ug/L	100
31) Carbon tetrachloride	4.738	117	63043	5.668	ug/L	100
33) Benzene	5.014	78	196256	6.960	ug/L	100
34) Trichloroethene	5.838	95	53713	6.721	ug/L	100
35) Methylcyclohexane	6.053	83	81041	8.221	ug/L	100
37) 1,2-Dichloropropane	6.098	63	50295	6.409	ug/L	100
38) Bromodichloromethane	6.439	83	62261	6.084	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	71156	7.219	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	332932	76.231	ug/L	100
42) Toluene	7.320	91	207128	7.331	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	59968	7.031	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	36210	6.157	ug/L	100
47) Tetrachloroethene	7.908	164	39372	6.749	ug/L	100
48) 2-Hexanone	8.082	43	244129	73.263	ug/L	100
49) Dibromochloromethane	8.182	129	37880	5.835	ug/L	100
50) 1,2-Dibromoethane	8.288	107	34390	6.359	ug/L	100
51) Chlorobenzene	8.818	112	132567	6.885	ug/L	100
52) Ethylbenzene	8.950	91	228764	7.757	ug/L	100
53) m,p-Xylene	9.075	106	86407	8.030	ug/L	100
54) o-Xylene	9.480	106	82154	8.031	ug/L	100
55) Styrene	9.500	104	144261	7.868	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	40726	6.724	ug/L	100
59) Bromoform	9.670	173	20708	5.869	ug/L	100
60) Isopropylbenzene	9.870	105	224864	8.198	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	30112	6.000	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	182173	8.115	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	183919	8.172	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	106227	7.146	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	105956	7.062	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	96558	6.886	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	6179	6.403	ug/L	100
69) 1,3,5-Trichlorobenzene	12.586	180	77372	7.200	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	67353	7.270	ug/L	100
71) Naphthalene	13.442	128	109862	7.826	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	58683	7.126	ug/L	100

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

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