

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031989.D
 Acq On : 09 Sep 2023 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Sep 09 21:44:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	134711	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	131800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	70586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23071	5.071	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.532	69	28108	5.393	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.059	65	13375	4.995	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.800%		
20) 2-Butanone-d5	3.799	46	112590	51.120	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 102.240%		
24) Chloroform-d	4.252	84	67076	4.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.200%		
26) 1,2-Dichloroethane-d4	4.947	65	34477	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.000%		
32) Benzene-d6	4.963	84	131469	4.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.600%		
36) 1,2-Dichloropropane-d6	5.992	67	44586	4.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 84.400%		
41) Toluene-d8	7.246	98	118694	4.265	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 85.200%		
43) trans-1,3-Dichloroprop...	7.561	79	14484	3.756	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 75.200%		
46) 2-Hexanone-d5	8.027	63	90978	44.247	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 88.500%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33696	4.441	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 88.800%		
66) 1,2-Dichlorobenzene-d4	11.564	152	43072	3.768	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 75.400%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	29082	3.780	ug/L	99
3) Chloromethane	1.217	50	34438	4.178	ug/L	96
5) Vinyl chloride	1.281	62	35111	4.156	ug/L	96
6) Bromomethane	1.487	94	19988	3.785	ug/L	99
8) Chloroethane	1.548	64	24090	4.465	ug/L	97
9) Trichlorofluoromethane	1.712	101	47141	4.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29827	4.589	ug/L	95
12) 1,1-Dichloroethene	2.069	96	26022	4.291	ug/L	96
13) Acetone	2.127	43	74663	57.533	ug/L	73
14) Carbon disulfide	2.240	76	66420	3.894	ug/L	98
15) Methyl Acetate	2.381	43	16319	6.170	ug/L	98
16) Methylene chloride	2.449	84	35128	3.562	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	92084	4.894	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	29898	4.349	ug/L	99
19) 1,1-Dichloroethane	3.114	63	68699	4.852	ug/L	99
21) 2-Butanone	3.879	43	110928	60.347	ug/L	88
22) cis-1,2-Dichloroethene	3.815	96	37412	4.725	ug/L	100
23) Bromochloromethane	4.153	128	15405	4.903	ug/L	97
25) Chloroform	4.278	83	67191	4.656	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031989.D
 Acq On : 09 Sep 2023 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Sep 09 21:44:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	40437	4.686	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	54900	4.312	ug/L	98
30) Cyclohexane	4.583	56	54139	4.138	ug/L	99
31) Carbon tetrachloride	4.738	117	44614	4.333	ug/L	99
33) Benzene	5.011	78	138166	4.551	ug/L	100
34) Trichloroethene	5.837	95	36660	4.131	ug/L	96
35) Methylcyclohexane	6.053	83	53516	4.143	ug/L	98
37) 1,2-Dichloropropane	6.098	63	37634	4.499	ug/L	99
38) Bromodichloromethane	6.436	83	49092	4.534	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	56790	4.463	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	282400	53.866	ug/L	97
42) Toluene	7.320	91	145218	4.305	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	48284	4.545	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	27176	4.539	ug/L	98
47) Tetrachloroethene	7.908	164	24993	4.409	ug/L	98
48) 2-Hexanone	8.079	43	202544	51.710	ug/L	99
49) Dibromochloromethane	8.181	129	28934	4.637	ug/L	99
50) 1,2-Dibromoethane	8.288	107	24123	4.455	ug/L	99
51) Chlorobenzene	8.818	112	93644	4.385	ug/L	100
52) Ethylbenzene	8.950	91	168046	4.334	ug/L	100
53) m,p-Xylene	9.075	106	62942	4.310	ug/L	99
54) o-Xylene	9.480	106	61010	4.323	ug/L	100
55) Styrene	9.500	104	105674	4.340	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	32140	5.302	ug/L	100
59) Bromoform	9.670	173	14908	4.470	ug/L	99
60) Isopropylbenzene	9.869	105	168562	4.296	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	25160	4.839	ug/L	94
62) 1,3,5-Trimethylbenzene	10.480	105	141817	4.217	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	139967	4.235	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	75998	4.374	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	77405	4.336	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	71010	4.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5211	4.425	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.586	180	55360	4.286	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	50263	4.268	ug/L	97
71) Naphthalene	13.445	128	96688	4.359	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	42996	4.336	ug/L	100

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

