

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041124\
 Data File : VW035164.D
 Acq On : 12 Apr 2024 08:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Apr 12 08:57:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:02:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	181680	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	186561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57094	3.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.532	69	57333	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.056	65	27707	4.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.831	46	155448	66.354	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.700%#
24) Chloroform-d	4.249	84	124283	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.944	65	61479	5.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	4.960	84	238630	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.989	67	74731	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.243	98	214413	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.558	79	21978	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.027	63	124993	71.575	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.140%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	59817	5.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	72080	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	57578	4.118	ug/L	99
3) Chloromethane	1.214	50	76353	4.502	ug/L	100
5) Vinyl chloride	1.282	62	81047	4.468	ug/L	99
6) Bromomethane	1.487	94	40170	3.879	ug/L	99
8) Chloroethane	1.548	64	54240	4.652	ug/L	98
9) Trichlorofluoromethane	1.712	101	109747	4.552	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	66936	4.532	ug/L	99
12) 1,1-Dichloroethene	2.069	96	64446	4.672	ug/L	95
13) Acetone	2.153	43	107339	62.809	ug/L	92
14) Carbon disulfide	2.240	76	163764	3.985	ug/L	100
15) Methyl Acetate	2.391	43	30250	6.413	ug/L	95
16) Methylene chloride	2.445	84	76408	5.049	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	160116	5.391	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	66388	4.856	ug/L	94
19) 1,1-Dichloroethane	3.111	63	140223	5.198	ug/L	98
21) 2-Butanone	3.905	43	158202	57.758	ug/L #	72
22) cis-1,2-Dichloroethene	3.815	96	70893	4.951	ug/L	99
23) Bromochloromethane	4.150	128	32403	5.390	ug/L	98
25) Chloroform	4.278	83	141513	5.282	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041124\
 Data File : VW035164.D
 Acq On : 12 Apr 2024 08:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Apr 12 08:57:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:02:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	81874	5.431	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	111304	4.868	ug/L	99
30) Cyclohexane	4.580	56	88515	4.202	ug/L	99
31) Carbon tetrachloride	4.735	117	93702	4.789	ug/L	98
33) Benzene	5.011	78	281160	4.922	ug/L	100
34) Trichloroethene	5.834	95	69764	4.688	ug/L	97
35) Methylcyclohexane	6.050	83	92170	4.067	ug/L	99
37) 1,2-Dichloropropane	6.095	63	78029	5.269	ug/L	98
38) Bromodichloromethane	6.432	83	95540	5.114	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	88003	4.424	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	397388	59.473	ug/L	98
42) Toluene	7.313	91	297210	4.950	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	75641	4.587	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	53782	5.527	ug/L	99
47) Tetrachloroethene	7.905	164	56251	5.031	ug/L	97
48) 2-Hexanone	8.075	43	298226	59.122	ug/L	97
49) Dibromochloromethane	8.175	129	56879	4.966	ug/L	96
50) 1,2-Dibromoethane	8.281	107	49986	5.456	ug/L	98
51) Chlorobenzene	8.812	112	187056	4.823	ug/L	98
52) Ethylbenzene	8.947	91	302778	4.669	ug/L	99
53) m,p-Xylene	9.072	106	111444	4.680	ug/L	99
54) o-Xylene	9.477	106	109311	4.679	ug/L	98
55) Styrene	9.497	104	193565	5.153	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	67825	5.831	ug/L	100
59) Bromoform	9.667	173	27429	4.553	ug/L	98
60) Isopropylbenzene	9.866	105	274600	4.533	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	49565	5.479	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	213791	4.297	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	225073	4.459	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	147949	4.786	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	144423	4.665	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	139002	4.868	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	9268	4.984	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	101039	4.353	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	83588	4.636	ug/L	100
71) Naphthalene	13.439	128	115867	4.573	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	78232	4.934	ug/L	99

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

