

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041724\
 Data File : VW035254.D
 Acq On : 17 Apr 2024 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Quant Time: Apr 18 00:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	190111	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	195612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79892	4.488	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.532	69	68043	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.056	65	35093	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.815	46	156073	51.836	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	4.246	84	150142	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	4.940	65	70313	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.957	84	285850	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.985	67	89505	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.239	98	262134	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.554	79	28083	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.024	63	116425	45.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63696	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	85860	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	99310	5.519	ug/L	99
3) Chloromethane	1.214	50	110192	5.250	ug/L	98
5) Vinyl chloride	1.285	62	110567	5.370	ug/L	99
6) Bromomethane	1.487	94	51020	4.323	ug/L	99
8) Chloroethane	1.552	64	70050	5.526	ug/L	96
9) Trichlorofluoromethane	1.715	101	134233	5.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	79352	5.268	ug/L	98
12) 1,1-Dichloroethene	2.069	96	77253	5.353	ug/L	85
13) Acetone	2.143	43	111655	55.030	ug/L	71
14) Carbon disulfide	2.240	76	252403	5.544	ug/L	100
15) Methyl Acetate	2.387	43	28476	5.328	ug/L	97
16) Methylene chloride	2.445	84	87733	4.827	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	164816	5.059	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	79202	5.370	ug/L	98
19) 1,1-Dichloroethane	3.111	63	165392	5.576	ug/L	99
21) 2-Butanone	3.892	43	165179	49.738	ug/L #	72
22) cis-1,2-Dichloroethene	3.812	96	83353	5.497	ug/L	99
23) Bromochloromethane	4.146	128	36299	5.293	ug/L	91
25) Chloroform	4.272	83	158966	5.512	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041724\
 Data File : VW035254.D
 Acq On : 17 Apr 2024 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Quant Time: Apr 18 00:37:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	92379	5.462	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	133766	5.434	ug/L	99
30) Cyclohexane	4.580	56	120984	5.159	ug/L	99
31) Carbon tetrachloride	4.731	117	113904	5.422	ug/L	99
33) Benzene	5.008	78	337869	5.495	ug/L	100
34) Trichloroethene	5.831	95	84812	5.244	ug/L	100
35) Methylcyclohexane	6.047	83	122026	5.009	ug/L	98
37) 1,2-Dichloropropane	6.092	63	90289	5.553	ug/L	99
38) Bromodichloromethane	6.432	83	106831	5.396	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	102762	4.754	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	418361	48.834	ug/L	97
42) Toluene	7.313	91	355347	5.572	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	82721	4.734	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	58444	5.180	ug/L	98
47) Tetrachloroethene	7.902	164	65403	5.097	ug/L	95
48) 2-Hexanone	8.075	43	301585	47.587	ug/L	99
49) Dibromochloromethane	8.175	129	59349	5.092	ug/L	98
50) 1,2-Dibromoethane	8.281	107	52523	4.957	ug/L	98
51) Chlorobenzene	8.812	112	217285	5.265	ug/L	100
52) Ethylbenzene	8.943	91	361199	5.286	ug/L	99
53) m,p-Xylene	9.072	106	134836	5.356	ug/L	100
54) o-Xylene	9.474	106	128561	5.291	ug/L	95
55) Styrene	9.493	104	228830	5.598	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	67426	4.876	ug/L	98
59) Bromoform	9.664	173	30604	5.181	ug/L	98
60) Isopropylbenzene	9.863	105	346764	5.444	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	48464	4.868	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	267455	5.200	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	269484	5.302	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	169162	5.277	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	169796	5.071	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	151756	5.098	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	9498	4.833	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.580	180	119214	4.899	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	90300	4.449	ug/L	100
71) Naphthalene	13.438	128	106375	3.648	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	83766	4.649	ug/L	98

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

