

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030247.D
 Acq On : 20 Mar 2023 09:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Mar 20 12:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	118806	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32566	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.536	69	29733	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.063	63	72429	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.841	46	71403	50.379	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.760%
24) Chloroform-d	4.259	84	73555	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	4.950	65	35284	5.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.970	84	126550	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	5.995	67	37301	4.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.249	98	122380	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.561	79	15452	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.037	63	61763	47.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.140%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30838	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	47912	4.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	42559	4.403	ug/L	98
3) Chloromethane	1.217	50	61561	4.042	ug/L	96
5) Vinyl chloride	1.285	62	42079	4.157	ug/L	98
6) Bromomethane	1.491	94	10581	5.823	ug/L	95
8) Chloroethane	1.552	64	26227	4.252	ug/L	97
9) Trichlorofluoromethane	1.716	101	71811	4.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	40575	4.505	ug/L	97
12) 1,1-Dichloroethene	2.073	96	34341	4.307	ug/L	82
13) Acetone	2.179	43	53430	51.005	ug/L	65
14) Carbon disulfide	2.246	76	76303	3.577	ug/L	98
15) Methyl Acetate	2.400	43	11226	4.588	ug/L	99
16) Methylene chloride	2.452	84	36292	3.726	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	73848	4.736	ug/L	# 93
18) trans-1,2-Dichloroethene	2.700	96	30446	4.014	ug/L	93
19) 1,1-Dichloroethane	3.118	63	66314	4.693	ug/L	98
21) 2-Butanone	3.925	43	70940	50.354	ug/L	80
22) cis-1,2-Dichloroethene	3.825	96	34777	4.148	ug/L	88
23) Bromochloromethane	4.156	128	16429	4.586	ug/L	95
25) Chloroform	4.285	83	73731	5.016	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030247.D
 Acq On : 20 Mar 2023 09:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Mar 20 12:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	43698	5.684	ug/L #	92
29) 1,1,1-Trichloroethane	4.519	97	67278	5.001	ug/L	97
30) Cyclohexane	4.590	56	45984	3.956	ug/L	97
31) Carbon tetrachloride	4.741	117	59920	4.955	ug/L	99
33) Benzene	5.018	78	135397	4.329	ug/L	100
34) Trichloroethene	5.841	95	35783	4.083	ug/L	99
35) Methylcyclohexane	6.059	83	48920	3.688	ug/L	90
37) 1,2-Dichloropropane	6.101	63	36898	4.637	ug/L	100
38) Bromodichloromethane	6.439	83	51093	5.029	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	49229	4.226	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	193839	59.031	ug/L	91
42) Toluene	7.323	91	152779	4.510	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	44006	4.839	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	26604	4.672	ug/L	97
47) Tetrachloroethene	7.912	164	32396	4.306	ug/L	98
48) 2-Hexanone	8.088	43	144688	61.549	ug/L	91
49) Dibromochloromethane	8.185	129	32376	4.859	ug/L	99
50) 1,2-Dibromoethane	8.291	107	23226	4.372	ug/L	100
51) Chlorobenzene	8.821	112	99176	4.341	ug/L	99
52) Ethylbenzene	8.953	91	163400	4.432	ug/L	100
53) m,p-Xylene	9.079	106	63609	4.489	ug/L	97
54) o-Xylene	9.487	106	61535	4.546	ug/L	97
55) Styrene	9.503	104	107785	4.789	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	31985	5.022	ug/L	96
59) Bromoform	9.674	173	20098	5.113	ug/L	99
60) Isopropylbenzene	9.873	105	174173	4.616	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	22000	5.012	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	141177	4.555	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	145691	4.595	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	88797	4.519	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	91142	4.598	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	83066	4.788	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	5244	5.349	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	70225	4.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	53223	4.067	ug/L	96
71) Naphthalene	13.448	128	71941	4.207	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	45281	4.204	ug/L	99

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

