

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030917.D
 Acq On : 28 Apr 2023 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Apr 29 01:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141272	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	81148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	59800	5.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.800%		
7) Chloroethane-d5	1.536	69	49621	5.226	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.063	65	30951	5.025	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.400%		
20) 2-Butanone-d5	3.831	46	123916	60.037	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.080%		
24) Chloroform-d	4.262	84	118278	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
26) 1,2-Dichloroethane-d4	4.957	65	63599	5.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.200%		
32) Benzene-d6	4.973	84	215779	5.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
36) 1,2-Dichloropropane-d6	5.998	67	59259	5.074	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.400%		
41) Toluene-d8	7.252	98	206766	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.200%		
43) trans-1,3-Dichloroprop...	7.561	79	25518	5.828	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 116.600%		
46) 2-Hexanone-d5	8.037	63	95543	62.286	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 124.580%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47155	5.570	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.400%		
66) 1,2-Dichlorobenzene-d4	11.567	152	78053	5.160	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	54583	4.891	ug/L	100
3) Chloromethane	1.217	50	61604	4.704	ug/L	99
5) Vinyl chloride	1.285	62	54090	4.934	ug/L	99
6) Bromomethane	1.491	94	24175	4.630	ug/L	95
8) Chloroethane	1.555	64	32524	4.875	ug/L	99
9) Trichlorofluoromethane	1.719	101	97060	4.799	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	50281	4.870	ug/L	99
12) 1,1-Dichloroethene	2.072	96	46488	4.890	ug/L	91
13) Acetone	2.159	43	83587	47.410	ug/L	81
14) Carbon disulfide	2.246	76	122414	4.921	ug/L	99
15) Methyl Acetate	2.394	43	15358	4.282	ug/L #	84
16) Methylene chloride	2.455	84	46324	4.307	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	99614	5.504	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	43003	4.952	ug/L	96
19) 1,1-Dichloroethane	3.121	63	82161	4.900	ug/L	99
21) 2-Butanone	3.918	43	102169	52.692	ug/L	94
22) cis-1,2-Dichloroethene	3.828	96	45290	4.943	ug/L	94
23) Bromochloromethane	4.162	128	20940	4.854	ug/L	96
25) Chloroform	4.288	83	88138	4.899	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030917.D
 Acq On : 28 Apr 2023 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Apr 29 01:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57892	5.127	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	85410	4.960	ug/L	99
30) Cyclohexane	4.593	56	67849	5.217	ug/L	95
31) Carbon tetrachloride	4.744	117	78025	5.045	ug/L	98
33) Benzene	5.021	78	177974	5.163	ug/L	100
34) Trichloroethene	5.844	95	47494	5.169	ug/L	97
35) Methylcyclohexane	6.059	83	71625	5.030	ug/L	100
37) 1,2-Dichloropropane	6.101	63	40377	4.939	ug/L #	95
38) Bromodichloromethane	6.442	83	61319	5.124	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	65327	5.335	ug/L	97
40) 4-Methyl-2-pentanone	7.172	43	254695	60.124	ug/L	100
42) Toluene	7.323	91	196277	5.289	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	55741	5.342	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	31594	5.208	ug/L	98
47) Tetrachloroethene	7.915	164	43561	4.970	ug/L	95
48) 2-Hexanone	8.088	43	193597	59.585	ug/L	98
49) Dibromochloromethane	8.185	129	39286	5.148	ug/L	100
50) 1,2-Dibromoethane	8.291	107	29717	5.492	ug/L	99
51) Chlorobenzene	8.821	112	127631	5.073	ug/L	98
52) Ethylbenzene	8.953	91	206394	5.101	ug/L	97
53) m,p-Xylene	9.079	106	80644	4.995	ug/L	96
54) o-Xylene	9.487	106	78587	5.114	ug/L	99
55) Styrene	9.503	104	135205	5.215	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	37146	5.478	ug/L	97
59) Bromoform	9.673	173	24564	5.143	ug/L	96
60) Isopropylbenzene	9.876	105	215381	4.923	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	25631	5.028	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	172382	4.840	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	174283	4.829	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	112925	5.026	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	114119	5.034	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	101089	5.003	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5739	4.435	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.590	180	88422	4.970	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	71753	5.248	ug/L	99
71) Naphthalene	13.445	128	101311	5.168	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	62838	5.430	ug/L	99

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

