

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030428.D
 Acq On : 06 Apr 2023 19:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Quant Time: Apr 07 04:52:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	120754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37156	4.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.536	69	37253	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.066	63	92844	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.818	46	110325	53.637	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.280%
24) Chloroform-d	4.262	84	97925	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.953	65	50116	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	4.970	84	170604	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.998	67	50811	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.252	98	165771	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.561	79	18571	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.034	63	84783	52.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.200%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42754	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	65023	5.028	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	68406	4.478	ug/L	99
3) Chloromethane	1.217	50	83964	4.356	ug/L	99
5) Vinyl chloride	1.285	62	63580	4.525	ug/L	99
6) Bromomethane	1.491	94	19543	4.876	ug/L	96
8) Chloroethane	1.555	64	38475	4.780	ug/L	98
9) Trichlorofluoromethane	1.719	101	103394	5.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	52108	4.609	ug/L	97
12) 1,1-Dichloroethene	2.076	96	48998	4.881	ug/L	92
13) Acetone	2.146	43	84992	43.211	ug/L	80
14) Carbon disulfide	2.246	76	144092	4.357	ug/L	100
15) Methyl Acetate	2.388	43	18575	5.285	ug/L	90
16) Methylene chloride	2.452	84	65550	5.520	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	105222	4.949	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	47633	4.504	ug/L	97
19) 1,1-Dichloroethane	3.121	63	97581	4.759	ug/L	98
21) 2-Butanone	3.899	43	120614	48.720	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	49881	4.699	ug/L	99
23) Bromochloromethane	4.159	128	24316	4.905	ug/L	94
25) Chloroform	4.288	83	101249	4.886	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	65186	5.203	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	94051	4.846	ug/L	99
30) Cyclohexane	4.593	56	76157	4.307	ug/L	96
31) Carbon tetrachloride	4.744	117	85725	4.868	ug/L	100
33) Benzene	5.021	78	205428	4.790	ug/L	100
34) Trichloroethene	5.844	95	51337	4.438	ug/L	94
35) Methylcyclohexane	6.060	83	78586	4.328	ug/L	99
37) 1,2-Dichloropropane	6.101	63	51560	4.683	ug/L	99
38) Bromodichloromethane	6.442	83	69857	4.845	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	69029	4.458	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	307893	53.066	ug/L	99
42) Toluene	7.323	91	227459	4.979	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	60857	4.619	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	37345	4.817	ug/L	99
47) Tetrachloroethene	7.915	164	48273	4.729	ug/L	96
48) 2-Hexanone	8.085	43	235199	54.126	ug/L	100
49) Dibromochloromethane	8.185	129	45211	4.899	ug/L	96
50) 1,2-Dibromoethane	8.291	107	34899	4.948	ug/L #	97
51) Chlorobenzene	8.821	112	141760	4.846	ug/L	98
52) Ethylbenzene	8.953	91	235008	4.702	ug/L	97
53) m,p-Xylene	9.082	106	90615	4.736	ug/L	99
54) o-Xylene	9.487	106	86604	4.731	ug/L	99
55) Styrene	9.503	104	155861	5.013	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	45962	4.995	ug/L	99
59) Bromoform	9.674	173	28314	4.842	ug/L	98
60) Isopropylbenzene	9.876	105	241058	4.518	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	32330	4.998	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	190176	4.368	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	198712	4.478	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	126460	4.753	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	124373	4.640	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	116713	4.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7685	4.776	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	95212	4.647	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	74222	4.692	ug/L	99
71) Naphthalene	13.448	128	103703	4.591	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	64644	4.717	ug/L	99

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

