

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031313.D
 Acq On : 01 Jun 2023 10:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Quant Time: Jun 02 02:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:28:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124448	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	129388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42658	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.536	69	49990	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.063	65	21154	3.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.825	46	193188	65.934	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.860%#
24) Chloroform-d	4.252	84	115876	5.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	4.950	65	63451	5.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.966	84	186508	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.995	67	71668	5.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.246	98	165265	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.558	79	25023	5.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.034	63	132056	67.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.920%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	62179	6.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	11.567	152	64852	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94887	5.650	ug/L	99
3) Chloromethane	1.217	50	92091	5.550	ug/L	99
5) Vinyl chloride	1.285	62	92034	5.549	ug/L	100
6) Bromomethane	1.490	94	52407	5.512	ug/L	100
8) Chloroethane	1.552	64	55527	5.369	ug/L	100
9) Trichlorofluoromethane	1.716	101	129764	5.312	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	76122	5.637	ug/L	100
12) 1,1-Dichloroethene	2.072	96	63982	5.503	ug/L	88
13) Acetone	2.150	43	202188	59.712	ug/L	85
14) Carbon disulfide	2.243	76	186483	5.411	ug/L	100
15) Methyl Acetate	2.391	43	30191	4.590	ug/L	98
16) Methylene chloride	2.452	84	74211	5.250	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	143908	5.431	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	60107	5.451	ug/L	99
19) 1,1-Dichloroethane	3.114	63	136342	5.568	ug/L	99
21) 2-Butanone	3.902	43	218076	49.521	ug/L	91
22) cis-1,2-Dichloroethene	3.822	96	64348	5.759	ug/L	100
23) Bromochloromethane	4.156	128	27810	5.265	ug/L	94
25) Chloroform	4.281	83	139474	5.446	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	83666	5.621	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	118707	5.518	ug/L	97
30) Cyclohexane	4.590	56	111468	5.707	ug/L	97
31) Carbon tetrachloride	4.741	117	104535	5.449	ug/L	100
33) Benzene	5.014	78	263904	5.731	ug/L	100
34) Trichloroethene	5.838	95	73821	5.936	ug/L	97
35) Methylcyclohexane	6.056	83	106501	5.753	ug/L	99
37) 1,2-Dichloropropane	6.098	63	80435	5.935	ug/L	97
38) Bromodichloromethane	6.439	83	96284	5.557	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	98602	5.543	ug/L	93
40) 4-Methyl-2-pentanone	7.166	43	458306	57.638	ug/L	99
42) Toluene	7.320	91	289148	5.918	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	84764	5.540	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	51604	5.610	ug/L	98
47) Tetrachloroethene	7.908	164	55428	5.719	ug/L	96
48) 2-Hexanone	8.082	43	376487	59.619	ug/L	100
49) Dibromochloromethane	8.182	129	57430	5.591	ug/L	97
50) 1,2-Dibromoethane	8.288	107	47698	5.606	ug/L	99
51) Chlorobenzene	8.818	112	169783	5.578	ug/L	97
52) Ethylbenzene	8.953	91	298642	5.843	ug/L	100
53) m,p-Xylene	9.079	106	111055	6.040	ug/L	96
54) o-Xylene	9.484	106	102103	5.925	ug/L	96
55) Styrene	9.500	104	187165	6.106	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	60188	5.489	ug/L	97
59) Bromoform	9.673	173	29963	5.236	ug/L	97
60) Isopropylbenzene	9.873	105	288789	5.660	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	44845	5.168	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	229343	5.547	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	240387	5.633	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	139656	5.652	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	139483	5.390	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	126725	5.346	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	9943	4.995	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	99499	5.419	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	72781	4.942	ug/L	99
71) Naphthalene	13.448	128	96996	4.293	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	66655	5.046	ug/L	99

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

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