

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031523\
 Data File : VW030215.D
 Acq On : 15 Mar 2023 16:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

Quant Time: Mar 16 01:53:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 16 01:47:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	194922	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	190224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	119347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	54596	4.329	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.539	69	49310	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.066	63	112670	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.818	46	97336	41.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.720%
24) Chloroform-d	4.262	84	113792	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.953	65	46908	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.973	84	211730	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	5.998	67	63050	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.252	98	209461	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.561	79	23196	4.403	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.034	63	90387	41.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49171	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	81972	4.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	68687	4.331	ug/L	100
3) Chloromethane	1.217	50	84921	3.398	ug/L	100
5) Vinyl chloride	1.288	62	72335	4.355	ug/L	100
6) Bromomethane	1.494	94	24932	8.363	ug/L	97
8) Chloroethane	1.555	64	47180	4.662	ug/L	100
9) Trichlorofluoromethane	1.719	101	117462	4.929	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	72355	4.896	ug/L	97
12) 1,1-Dichloroethene	2.076	96	63198	4.831	ug/L	97
13) Acetone	2.146	43	78328	45.574	ug/L	# 46
14) Carbon disulfide	2.249	76	138290	3.951	ug/L	98
15) Methyl Acetate	2.391	43	17555	4.373	ug/L	# 90
16) Methylene chloride	2.455	84	63536	3.976	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	120415	4.707	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	57059	4.585	ug/L	99
19) 1,1-Dichloroethane	3.121	63	115186	4.969	ug/L	99
21) 2-Butanone	3.899	43	113081	48.922	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	65553	4.766	ug/L	99
23) Bromochloromethane	4.159	128	32045	5.452	ug/L	91
25) Chloroform	4.288	83	124662	5.170	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	61618	4.885	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	110196	4.931	ug/L	98
30) Cyclohexane	4.593	56	75515	3.911	ug/L	99
31) Carbon tetrachloride	4.748	117	97352	4.847	ug/L	98
33) Benzene	5.021	78	244444	4.705	ug/L	100
34) Trichloroethene	5.844	95	66755	4.586	ug/L	97
35) Methylcyclohexane	6.059	83	89100	4.044	ug/L	99
37) 1,2-Dichloropropane	6.104	63	64909	4.911	ug/L	99
38) Bromodichloromethane	6.442	83	85188	5.049	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	86927	4.493	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	272936	50.045	ug/L	99
42) Toluene	7.323	91	276493	4.914	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	72589	4.806	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	47940	5.069	ug/L	99
47) Tetrachloroethene	7.915	164	58409	4.674	ug/L	97
48) 2-Hexanone	8.085	43	202480	51.860	ug/L	99
49) Dibromochloromethane	8.185	129	57370	5.184	ug/L	100
50) 1,2-Dibromoethane	8.291	107	44372	5.029	ug/L	98
51) Chlorobenzene	8.821	112	185624	4.892	ug/L	98
52) Ethylbenzene	8.956	91	290421	4.743	ug/L	100
53) m,p-Xylene	9.082	106	114703	4.874	ug/L	99
54) o-Xylene	9.487	106	112289	4.995	ug/L	97
55) Styrene	9.503	104	195144	5.220	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	56244	5.317	ug/L	100
59) Bromoform	9.673	173	34693	4.850	ug/L	99
60) Isopropylbenzene	9.876	105	305679	4.451	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	37449	4.688	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	243908	4.324	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	258149	4.474	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	166806	4.665	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	169274	4.692	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	151549	4.800	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	7903	4.430	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	130739	4.448	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	99232	4.167	ug/L	99
71) Naphthalene	13.448	128	124689	4.007	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	84287	4.300	ug/L	98

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

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