

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031385.D
 Acq On : 06 Jun 2023 19:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Quant Time: Jun 07 02:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	143269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	81698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46158	3.167	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.532	69	44925	3.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.060	65	25738	3.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.825	46	138947	41.192	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	4.256	84	118192	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.950	65	58859	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.966	84	201676	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.995	67	66471	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.249	98	191631	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.561	79	23917	4.479	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.034	63	100710	46.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	48758	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	66563	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	82852	4.285	ug/L	98
3) Chloromethane	1.214	50	72877	3.815	ug/L	100
5) Vinyl chloride	1.281	62	77625	4.065	ug/L	97
6) Bromomethane	1.487	94	40364	3.687	ug/L	96
8) Chloroethane	1.548	64	46542	3.909	ug/L	97
9) Trichlorofluoromethane	1.715	101	122443	4.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	65794	4.232	ug/L	96
12) 1,1-Dichloroethene	2.072	96	56928	4.253	ug/L	88
13) Acetone	2.162	43	104829	26.892	ug/L	93
14) Carbon disulfide	2.240	76	164430	4.144	ug/L	100
15) Methyl Acetate	2.394	43	23347	3.083	ug/L	96
16) Methylene chloride	2.449	84	66983	4.117	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	121949	3.998	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	52985	4.174	ug/L	97
19) 1,1-Dichloroethane	3.117	63	119620	4.243	ug/L	99
21) 2-Butanone	3.912	43	150849	29.755	ug/L #	78
22) cis-1,2-Dichloroethene	3.822	96	54918	4.270	ug/L	95
23) Bromochloromethane	4.156	128	25543	4.201	ug/L	94
25) Chloroform	4.281	83	121102	4.108	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	80073	4.673	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	110404	4.649	ug/L	96
30) Cyclohexane	4.590	56	91587	4.248	ug/L	93
31) Carbon tetrachloride	4.741	117	100190	4.731	ug/L	98
33) Benzene	5.018	78	235881	4.640	ug/L	100
34) Trichloroethene	5.838	95	62916	4.583	ug/L	96
35) Methylcyclohexane	6.056	83	91258	4.465	ug/L	97
37) 1,2-Dichloropropane	6.101	63	66467	4.443	ug/L	99
38) Bromodichloromethane	6.439	83	84726	4.430	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	83765	4.266	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	377532	43.010	ug/L	99
42) Toluene	7.320	91	258931	4.801	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	74749	4.425	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	43011	4.236	ug/L	99
47) Tetrachloroethene	7.911	164	51580	4.821	ug/L	96
48) 2-Hexanone	8.085	43	284883	40.866	ug/L	99
49) Dibromochloromethane	8.181	129	51360	4.529	ug/L	100
50) 1,2-Dibromoethane	8.291	107	40074	4.267	ug/L	93
51) Chlorobenzene	8.821	112	152615	4.542	ug/L	98
52) Ethylbenzene	8.953	91	261054	4.627	ug/L	98
53) m,p-Xylene	9.079	106	98548	4.855	ug/L	96
54) o-Xylene	9.484	106	93148	4.897	ug/L	98
55) Styrene	9.503	104	168247	4.972	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	47296	3.908	ug/L	99
59) Bromoform	9.673	173	28716	4.362	ug/L	97
60) Isopropylbenzene	9.873	105	258912	4.412	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	37211	3.728	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	202012	4.248	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	211420	4.307	ug/L	96
64) 1,3-Dichlorobenzene	11.123	146	128199	4.511	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	129465	4.349	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	115634	4.241	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	8308	3.629	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	93600	4.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	68574	4.048	ug/L	98
71) Naphthalene	13.448	128	86314	3.322	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	60997	4.015	ug/L	96

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

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