

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051823\
 Data File : VW031093.D
 Acq On : 18 May 2023 16:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Quant Time: May 19 05:36:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 05:32:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	118834	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	66821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	31887	3.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.535	69	34051	4.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	65	19680	3.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.828	46	87898	50.627	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.260%
24) Chloroform-d	4.256	84	92216	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.950	65	46231	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.966	84	148996	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.995	67	44290	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.249	98	134716	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.561	79	16226	4.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.034	63	64359	49.151	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.300%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36500	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	55498	4.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	40343	4.297	ug/L	97
3) Chloromethane	1.217	50	44918	4.077	ug/L	99
5) Vinyl chloride	1.285	62	40767	4.421	ug/L	97
6) Bromomethane	1.490	94	18212	4.147	ug/L	96
8) Chloroethane	1.555	64	25624	4.566	ug/L	99
9) Trichlorofluoromethane	1.716	101	80341	4.723	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	42591	4.904	ug/L	98
12) 1,1-Dichloroethene	2.072	96	36530	4.568	ug/L	91
13) Acetone	2.156	43	51553	34.762	ug/L	83
14) Carbon disulfide	2.243	76	76938	3.677	ug/L	98
15) Methyl Acetate	2.394	43	11135	3.690	ug/L #	82
16) Methylene chloride	2.455	84	40437	4.470	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	73618	4.836	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	33820	4.630	ug/L	92
19) 1,1-Dichloroethane	3.117	63	71127	5.043	ug/L	99
21) 2-Butanone	3.908	43	65959	40.440	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	36537	4.741	ug/L	96
23) Bromochloromethane	4.156	128	17616	4.855	ug/L	92
25) Chloroform	4.281	83	80522	5.321	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	47841	5.037	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	74581	5.074	ug/L	99
30) Cyclohexane	4.590	56	46303	4.171	ug/L	98
31) Carbon tetrachloride	4.741	117	66290	5.021	ug/L	97
33) Benzene	5.018	78	142911	4.857	ug/L	100
34) Trichloroethene	5.841	95	38047	4.851	ug/L	98
35) Methylcyclohexane	6.056	83	49952	4.110	ug/L	97
37) 1,2-Dichloropropane	6.098	63	35174	5.040	ug/L	98
38) Bromodichloromethane	6.442	83	53698	5.257	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	48278	4.618	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	183665	50.791	ug/L	98
42) Toluene	7.320	91	158254	4.996	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	43938	4.933	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	26315	5.082	ug/L	95
47) Tetrachloroethene	7.911	164	34980	4.675	ug/L	97
48) 2-Hexanone	8.085	43	139978	50.470	ug/L	100
49) Dibromochloromethane	8.181	129	35016	5.375	ug/L	96
50) 1,2-Dibromoethane	8.291	107	23079	4.997	ug/L #	99
51) Chlorobenzene	8.821	112	105790	4.926	ug/L	96
52) Ethylbenzene	8.950	91	165704	4.798	ug/L	99
53) m,p-Xylene	9.079	106	66020	4.790	ug/L	96
54) o-Xylene	9.484	106	63407	4.834	ug/L	99
55) Styrene	9.503	104	106745	4.823	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	30045	5.191	ug/L	98
59) Bromoform	9.673	173	21168	5.382	ug/L	99
60) Isopropylbenzene	9.873	105	171740	4.767	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	20788	4.952	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	135106	4.607	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	135241	4.551	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	90825	4.909	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	91113	4.881	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	82034	4.931	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	4756	4.464	ug/L #	92
69) 1,3,5-Trichlorobenzene	12.590	180	66647	4.549	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	47652	4.233	ug/L	98
71) Naphthalene	13.445	128	59539	3.688	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	41393	4.343	ug/L	98

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

