

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031423\
 Data File : VW030202.D
 Acq On : 14 Mar 2023 17:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Mar 15 01:41:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 15 01:37:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	155127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	154651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	95810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	52565	5.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.539	69	45400	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.066	63	99260	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.818	46	82994	44.847	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.700%
24) Chloroform-d	4.262	84	99597	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.953	65	41493	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.973	84	188805	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	5.998	67	56257	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.252	98	184705	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.561	79	19723	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.034	63	76189	42.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43350	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	69515	4.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	52129	4.130	ug/L	98
3) Chloromethane	1.217	50	70500	3.545	ug/L	99
5) Vinyl chloride	1.288	62	54512	4.124	ug/L	98
6) Bromomethane	1.494	94	13888	5.853	ug/L	98
8) Chloroethane	1.555	64	34875	4.331	ug/L	100
9) Trichlorofluoromethane	1.719	101	86273	4.549	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	52873	4.496	ug/L	99
12) 1,1-Dichloroethene	2.076	96	45586	4.379	ug/L	91
13) Acetone	2.146	43	56155	41.055	ug/L #	46
14) Carbon disulfide	2.249	76	101800	3.655	ug/L	98
15) Methyl Acetate	2.394	43	14743	4.615	ug/L	98
16) Methylene chloride	2.455	84	51876	4.079	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	84931	4.172	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	42205	4.262	ug/L	96
19) 1,1-Dichloroethane	3.121	63	83148	4.507	ug/L	99
21) 2-Butanone	3.902	43	78908	42.896	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	47322	4.323	ug/L	95
23) Bromochloromethane	4.159	128	22584	4.828	ug/L	98
25) Chloroform	4.288	83	90683	4.725	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	46484	4.631	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	80682	4.441	ug/L	98
30) Cyclohexane	4.593	56	53204	3.389	ug/L	98
31) Carbon tetrachloride	4.744	117	71476	4.377	ug/L	100
33) Benzene	5.021	78	178380	4.223	ug/L	100
34) Trichloroethene	5.844	95	47589	4.021	ug/L	97
35) Methylcyclohexane	6.059	83	62001	3.462	ug/L	97
37) 1,2-Dichloropropane	6.105	63	48226	4.488	ug/L	100
38) Bromodichloromethane	6.442	83	63101	4.600	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	62314	3.961	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	201246	45.387	ug/L	99
42) Toluene	7.323	91	197784	4.324	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	52713	4.293	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	34161	4.443	ug/L	97
47) Tetrachloroethene	7.915	164	41703	4.105	ug/L	99
48) 2-Hexanone	8.085	43	143659	45.258	ug/L	99
49) Dibromochloromethane	8.185	129	42117	4.681	ug/L	99
50) 1,2-Dibromoethane	8.291	107	32210	4.490	ug/L	94
51) Chlorobenzene	8.821	112	131507	4.263	ug/L	99
52) Ethylbenzene	8.956	91	202475	4.067	ug/L	99
53) m,p-Xylene	9.082	106	80381	4.201	ug/L	99
54) o-Xylene	9.487	106	76220	4.170	ug/L	99
55) Styrene	9.506	104	135982	4.474	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.188	83	41302	4.802	ug/L	96
59) Bromoform	9.674	173	24773	4.314	ug/L	98
60) Isopropylbenzene	9.876	105	211631	3.839	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	27424	4.277	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	165118	3.646	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	172089	3.715	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	116963	4.075	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	118605	4.095	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	107843	4.255	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	6014	4.199	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	86954	3.685	ug/L	100
70) 1,2,4-trichlorobenzene	13.210	180	68014	3.558	ug/L	99
71) Naphthalene	13.448	128	87248	3.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	58614	3.725	ug/L	99

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

