

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030270.D
 Acq On : 20 Mar 2023 20:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Mar 21 03:00:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	148821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	141752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	76428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37239	3.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.539	69	34062	3.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.066	63	83970	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.815	46	92223	51.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.900%
24) Chloroform-d	4.259	84	85086	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.953	65	41916	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.970	84	148413	3.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.998	67	44085	3.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.252	98	143675	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.561	79	17865	4.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.034	63	74683	45.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.960%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32469	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	53728	4.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48474	4.003	ug/L	98
3) Chloromethane	1.217	50	65667	3.442	ug/L	98
5) Vinyl chloride	1.288	62	52825	4.166	ug/L	98
6) Bromomethane	1.494	94	15765	6.926	ug/L	92
8) Chloroethane	1.555	64	33939	4.393	ug/L	98
9) Trichlorofluoromethane	1.719	101	90634	4.982	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	46485	4.120	ug/L	96
12) 1,1-Dichloroethene	2.076	96	41890	4.194	ug/L	87
13) Acetone	2.143	43	73296	55.857	ug/L	65
14) Carbon disulfide	2.246	76	91827	3.436	ug/L	96
15) Methyl Acetate	2.391	43	14428	4.708	ug/L	99
16) Methylene chloride	2.455	84	43869	3.595	ug/L	89
17) Methyl tert-butyl Ether	2.712	73	97866	5.011	ug/L	# 93
18) trans-1,2-Dichloroethene	2.703	96	38978	4.103	ug/L	94
19) 1,1-Dichloroethane	3.121	63	84744	4.788	ug/L	99
21) 2-Butanone	3.896	43	95853	54.315	ug/L	90
22) cis-1,2-Dichloroethene	3.825	96	46202	4.400	ug/L	87
23) Bromochloromethane	4.166	128	20335	4.532	ug/L	92
25) Chloroform	4.288	83	91447	4.967	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	53439	5.549	ug/L #	93
29) 1,1,1-Trichloroethane	4.523	97	86296	5.182	ug/L	97
30) Cyclohexane	4.597	56	58112	4.039	ug/L	99
31) Carbon tetrachloride	4.744	117	74692	4.990	ug/L	100
33) Benzene	5.021	78	173085	4.471	ug/L	100
34) Trichloroethene	5.841	95	46728	4.308	ug/L	95
35) Methylcyclohexane	6.059	83	59741	3.639	ug/L	95
37) 1,2-Dichloropropane	6.101	63	43629	4.430	ug/L	98
38) Bromodichloromethane	6.442	83	63191	5.026	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	62217	4.315	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	249239	61.327	ug/L	91
42) Toluene	7.323	91	196052	4.676	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	54397	4.833	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	31934	4.531	ug/L	98
47) Tetrachloroethene	7.912	164	38541	4.139	ug/L	96
48) 2-Hexanone	8.085	43	179351	61.643	ug/L	91
49) Dibromochloromethane	8.185	129	39244	4.759	ug/L	100
50) 1,2-Dibromoethane	8.291	107	28584	4.347	ug/L	99
51) Chlorobenzene	8.821	112	127347	4.503	ug/L	97
52) Ethylbenzene	8.953	91	213165	4.671	ug/L	99
53) m,p-Xylene	9.082	106	81712	4.659	ug/L	98
54) o-Xylene	9.487	106	81527	4.867	ug/L	100
55) Styrene	9.503	104	142820	5.127	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.188	83	35779	4.539	ug/L	96
59) Bromoform	9.674	173	23324	5.092	ug/L	98
60) Isopropylbenzene	9.876	105	226766	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	24859	4.860	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	176989	4.900	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	180766	4.892	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	106962	4.671	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	108132	4.681	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	100055	4.949	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	6513	5.701	ug/L	89
69) 1,3,5-Trichlorobenzene	12.593	180	83652	4.444	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	66454	4.358	ug/L	98
71) Naphthalene	13.448	128	102041	5.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	58249	4.640	ug/L	98

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

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