

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030456.D
 Acq On : 07 Apr 2023 20:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Apr 10 04:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	120324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71388	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35904	4.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.536	69	37672	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.066	63	92221	4.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.815	46	103767	49.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	4.259	84	102500	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	4.953	65	51277	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.970	84	181197	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	5.995	67	52852	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.252	98	173458	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	7.561	79	19381	4.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.034	63	81634	50.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.660%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42164	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	67668	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	67490	4.354	ug/L	100
3) Chloromethane	1.217	50	81412	4.162	ug/L	99
5) Vinyl chloride	1.285	62	64306	4.510	ug/L	99
6) Bromomethane	1.491	94	19425	4.776	ug/L	97
8) Chloroethane	1.555	64	38541	4.718	ug/L	98
9) Trichlorofluoromethane	1.719	101	106307	5.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	53392	4.654	ug/L	99
12) 1,1-Dichloroethene	2.076	96	48022	4.714	ug/L	90
13) Acetone	2.140	43	74217	37.183	ug/L	81
14) Carbon disulfide	2.246	76	142637	4.250	ug/L	99
15) Methyl Acetate	2.391	43	17548	4.920	ug/L	91
16) Methylene chloride	2.452	84	51576	4.280	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	99079	4.592	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	47184	4.396	ug/L	98
19) 1,1-Dichloroethane	3.121	63	95743	4.601	ug/L	98
21) 2-Butanone	3.899	43	105880	42.145	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	51785	4.808	ug/L	97
23) Bromochloromethane	4.159	128	24217	4.814	ug/L	93
25) Chloroform	4.285	83	101759	4.840	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	63111	4.964	ug/L	95
29) 1,1,1-Trichloroethane	4.523	97	95163	4.921	ug/L	98
30) Cyclohexane	4.597	56	76402	4.337	ug/L	96
31) Carbon tetrachloride	4.744	117	85775	4.888	ug/L	99
33) Benzene	5.021	78	204937	4.795	ug/L	100
34) Trichloroethene	5.841	95	52020	4.513	ug/L	99
35) Methylcyclohexane	6.059	83	81149	4.485	ug/L	98
37) 1,2-Dichloropropane	6.101	63	51686	4.711	ug/L	98
38) Bromodichloromethane	6.442	83	68138	4.742	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	68691	4.452	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	270201	46.736	ug/L	99
42) Toluene	7.323	91	228104	5.011	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	58140	4.429	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	35173	4.553	ug/L	99
47) Tetrachloroethene	7.912	164	48053	4.724	ug/L	97
48) 2-Hexanone	8.085	43	196788	45.449	ug/L	98
49) Dibromochloromethane	8.185	129	44162	4.802	ug/L	97
50) 1,2-Dibromoethane	8.291	107	32851	4.674	ug/L	98
51) Chlorobenzene	8.821	112	142652	4.894	ug/L	99
52) Ethylbenzene	8.953	91	236952	4.758	ug/L	98
53) m,p-Xylene	9.082	106	93078	4.882	ug/L	98
54) o-Xylene	9.487	106	88733	4.864	ug/L	98
55) Styrene	9.503	104	152104	4.909	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	42524	4.637	ug/L	98
59) Bromoform	9.674	173	26004	4.507	ug/L	99
60) Isopropylbenzene	9.876	105	240992	4.578	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	28933	4.533	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	192029	4.470	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	200980	4.591	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	123370	4.699	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	122418	4.629	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	111583	4.717	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	6976	4.394	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	93371	4.619	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	70622	4.525	ug/L	98
71) Naphthalene	13.448	128	95523	4.286	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	60701	4.490	ug/L	100

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

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