

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033123\
 Data File : VW030373.D
 Acq On : 31 Mar 2023 09:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Apr 03 01:28:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	131567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	124930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33377	3.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.535	69	34570	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.066	63	86139	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.822	46	111554	49.530	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.060%
24) Chloroform-d	4.259	84	95678	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.953	65	46361	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.969	84	148173	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.998	67	49799	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.249	98	129534	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	17985	4.334	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.034	63	81642	48.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.920%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	41380	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	62078	4.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	85880	5.135	ug/L	98
3) Chloromethane	1.217	50	102428	4.853	ug/L	99
5) Vinyl chloride	1.285	62	77164	5.015	ug/L	100
6) Bromomethane	1.490	94	24135	5.500	ug/L	97
8) Chloroethane	1.555	64	46200	5.242	ug/L	99
9) Trichlorofluoromethane	1.719	101	123141	5.490	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	63747	5.149	ug/L	99
12) 1,1-Dichloroethene	2.076	96	58540	5.325	ug/L	87
13) Acetone	2.146	43	112427	52.201	ug/L	81
14) Carbon disulfide	2.246	76	184755	5.102	ug/L	100
15) Methyl Acetate	2.391	43	19663	5.109	ug/L #	89
16) Methylene chloride	2.452	84	65009	5.000	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	117798	5.059	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	58319	5.036	ug/L	96
19) 1,1-Dichloroethane	3.117	63	116071	5.170	ug/L	98
21) 2-Butanone	3.895	43	141214	52.094	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	61472	5.289	ug/L	100
23) Bromochloromethane	4.156	128	28114	5.179	ug/L	96
25) Chloroform	4.285	83	119770	5.279	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	74344	5.419	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	113649	5.660	ug/L	98
30) Cyclohexane	4.593	56	96477	5.274	ug/L	98
31) Carbon tetrachloride	4.744	117	103166	5.662	ug/L	99
33) Benzene	5.018	78	248599	5.602	ug/L	100
34) Trichloroethene	5.841	95	63337	5.293	ug/L	98
35) Methylcyclohexane	6.059	83	101138	5.384	ug/L	98
37) 1,2-Dichloropropane	6.101	63	64186	5.635	ug/L	99
38) Bromodichloromethane	6.442	83	83517	5.599	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	83521	5.214	ug/L	95
40) 4-Methyl-2-pentanone	7.165	43	319012	53.144	ug/L	99
42) Toluene	7.323	91	261505	5.533	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	69409	5.092	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	40977	5.109	ug/L	98
47) Tetrachloroethene	7.911	164	57128	5.409	ug/L	96
48) 2-Hexanone	8.085	43	245981	54.715	ug/L	99
49) Dibromochloromethane	8.185	129	51198	5.362	ug/L	97
50) 1,2-Dibromoethane	8.291	107	37663	5.161	ug/L	94
51) Chlorobenzene	8.821	112	166035	5.487	ug/L	99
52) Ethylbenzene	8.953	91	278626	5.388	ug/L	99
53) m,p-Xylene	9.082	106	108632	5.488	ug/L	99
54) o-Xylene	9.487	106	103381	5.458	ug/L	98
55) Styrene	9.503	104	182660	5.678	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	47788	5.019	ug/L	98
59) Bromoform	9.673	173	30546	5.031	ug/L	98
60) Isopropylbenzene	9.876	105	286458	5.171	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	32657	4.863	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	228174	5.048	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	240464	5.220	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	147955	5.356	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	147575	5.303	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	131099	5.267	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7745	4.637	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	114745	5.395	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	85044	5.179	ug/L	99
71) Naphthalene	13.448	128	104840	4.470	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	70104	4.928	ug/L	99

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

