

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030393.D
 Acq On : 05 Apr 2023 10:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

Quant Time: Apr 06 05:26:16 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	148655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	143434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43221	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.535	69	39922	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.066	63	109334	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.825	46	105712	41.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.080%
24) Chloroform-d	4.259	84	108180	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.953	65	52185	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.969	84	188869	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.995	67	56956	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.252	98	181279	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.561	79	20531	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.034	63	83434	43.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43674	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	69114	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89956	4.760	ug/L	100
3) Chloromethane	1.217	50	111549	4.678	ug/L	99
5) Vinyl chloride	1.285	62	81777	4.704	ug/L	99
6) Bromomethane	1.490	94	22095	4.456	ug/L	97
8) Chloroethane	1.551	64	47611	4.781	ug/L	100
9) Trichlorofluoromethane	1.715	101	131563	5.191	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	69602	4.976	ug/L	99
12) 1,1-Dichloroethene	2.072	96	62441	5.027	ug/L	96
13) Acetone	2.156	43	131382	53.990	ug/L	84
14) Carbon disulfide	2.246	76	195026	4.767	ug/L	99
15) Methyl Acetate	2.394	43	21890	5.034	ug/L	97
16) Methylene chloride	2.452	84	69451	4.727	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	131378	4.994	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	64360	4.919	ug/L	97
19) 1,1-Dichloroethane	3.117	63	123825	4.881	ug/L	98
21) 2-Butanone	3.905	43	159149	51.961	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	65570	4.993	ug/L	99
23) Bromochloromethane	4.156	128	30784	5.019	ug/L	96
25) Chloroform	4.285	83	132092	5.153	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	80922	5.221	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	121382	5.265	ug/L	99
30) Cyclohexane	4.590	56	102758	4.893	ug/L	99
31) Carbon tetrachloride	4.744	117	109443	5.232	ug/L	99
33) Benzene	5.018	78	265037	5.202	ug/L	100
34) Trichloroethene	5.841	95	68366	4.976	ug/L	99
35) Methylcyclohexane	6.059	83	108348	5.024	ug/L	99
37) 1,2-Dichloropropane	6.101	63	66681	5.098	ug/L	99
38) Bromodichloromethane	6.442	83	87562	5.112	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	90377	4.914	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	361239	52.415	ug/L	99
42) Toluene	7.323	91	292290	5.387	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	77807	4.972	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	45866	4.981	ug/L	96
47) Tetrachloroethene	7.911	164	61780	5.095	ug/L	96
48) 2-Hexanone	8.085	43	276362	53.543	ug/L	98
49) Dibromochloromethane	8.185	129	56288	5.135	ug/L	96
50) 1,2-Dibromoethane	8.291	107	42678	5.094	ug/L	94
51) Chlorobenzene	8.821	112	182375	5.249	ug/L	98
52) Ethylbenzene	8.953	91	306435	5.162	ug/L	99
53) m,p-Xylene	9.082	106	121818	5.360	ug/L	98
54) o-Xylene	9.487	106	112680	5.182	ug/L	98
55) Styrene	9.503	104	200831	5.438	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	54238	4.962	ug/L	98
59) Bromoform	9.673	173	33316	4.765	ug/L	99
60) Isopropylbenzene	9.876	105	316732	4.965	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	37214	4.812	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	254969	4.898	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	264641	4.988	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	162698	5.114	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	160925	5.021	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	143642	5.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8468	4.402	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	124498	5.083	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	95911	5.072	ug/L	100
71) Naphthalene	13.448	128	124885	4.624	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	81789	4.992	ug/L	98

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

