

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022664.D
 Acq On : 07 Oct 2021 15:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Oct 08 03:58:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 02:46:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122512	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41165	4.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.568	69	37857	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.105	63	80399	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.960	46	115391	52.210	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.420%
24) Chloroform-d	4.342	84	83325	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	41614	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.037	84	177653	5.228	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.072	67	51891	5.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.320	98	152771	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.628	79	16494	4.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.108	63	76021	56.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.000%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34521	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	57488	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	44805	5.018	ug/L	99
3) Chloromethane	1.236	50	43625	4.861	ug/L	98
5) Vinyl chloride	1.307	62	45123	4.867	ug/L	100
6) Bromomethane	1.523	94	28375	4.909	ug/L	99
8) Chloroethane	1.584	64	27280	4.755	ug/L	100
9) Trichlorofluoromethane	1.751	101	68315	5.030	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38666	4.894	ug/L	98
12) 1,1-Dichloroethene	2.114	96	35576	4.808	ug/L	96
13) Acetone	2.249	43	63395	51.440	ug/L #	51
14) Carbon disulfide	2.288	76	101565	4.883	ug/L	99
15) Methyl Acetate	2.458	43	16185	4.590	ug/L	100
16) Methylene chloride	2.503	84	45439	4.461	ug/L	92
17) Methyl tert-butyl Ether	2.780	73	89258	4.985	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	38325	4.762	ug/L	99
19) 1,1-Dichloroethane	3.182	63	70227	4.845	ug/L	96
21) 2-Butanone	4.047	43	103679	51.380	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	40350	4.775	ug/L	100
23) Bromochloromethane	4.243	128	18046	4.807	ug/L	95
25) Chloroform	4.368	83	76487	4.552	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42914	5.117	ug/L	95
29) 1,1,1-Trichloroethane	4.593	97	65146	4.997	ug/L	98
30) Cyclohexane	4.651	56	61745	5.133	ug/L	99
31) Carbon tetrachloride	4.809	117	57359	5.069	ug/L	98
33) Benzene	5.088	78	163976	5.333	ug/L	100
34) Trichloroethene	5.908	95	42161	5.043	ug/L	98
35) Methylcyclohexane	6.120	83	60268	5.145	ug/L	97
37) 1,2-Dichloropropane	6.178	63	37562	5.080	ug/L	99
38) Bromodichloromethane	6.516	83	46355	5.088	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	50239	5.132	ug/L	99
40) 4-Methyl-2-pentanone	7.252	43	214841	54.072	ug/L	99
42) Toluene	7.391	91	165856	5.314	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	41954	5.257	ug/L	96
45) 1,1,2-Trichloroethane	7.847	97	27028	4.926	ug/L	95
47) Tetrachloroethene	7.976	164	34894	5.160	ug/L	99
48) 2-Hexanone	8.156	43	157216	54.118	ug/L	98
49) Dibromochloromethane	8.252	129	33643	5.238	ug/L	92
50) 1,2-Dibromoethane	8.358	107	25526	4.982	ug/L	99
51) Chlorobenzene	8.882	112	105625	5.150	ug/L	98
52) Ethylbenzene	9.014	91	163394	5.156	ug/L	98
53) m,p-xylene	9.140	106	65918	5.300	ug/L	96
54) o-xylene	9.545	106	60463	5.168	ug/L	98
55) Styrene	9.561	104	109490	5.431	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	28198	5.079	ug/L	97
59) Bromoform	9.734	173	17875	5.109	ug/L	99
60) Isopropylbenzene	9.934	105	166713	5.255	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22592	5.206	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	131756	5.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	137518	5.361	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	87339	5.245	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	86648	5.125	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	82590	5.288	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	3978	5.036	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	65489	5.221	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	51224	5.346	ug/L	99
71) Naphthalene	13.503	128	76809	5.043	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	48698	5.390	ug/L	98

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

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