

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022610.D
 Acq On : 06 Oct 2021 10:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Oct 07 06:12:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	117668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18670	4.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.565	69	26846	5.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.105	63	54873	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	3.912	46	87380	39.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.420%
24) Chloroform-d	4.343	84	70740	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.034	65	33450	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.043	84	122413	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.069	67	41287	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.313	98	106226	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.622	79	11650	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.095	63	76727	51.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32702	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	45087	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48000	5.356	ug/L	98
3) Chloromethane	1.240	50	48563	5.412	ug/L	100
5) Vinyl chloride	1.307	62	50311	5.555	ug/L	99
6) Bromomethane	1.519	94	33300	5.539	ug/L	98
8) Chloroethane	1.584	64	31854	5.531	ug/L	98
9) Trichlorofluoromethane	1.751	101	73708	5.440	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44158	5.668	ug/L	99
12) 1,1-Dichloroethene	2.114	96	38502	5.341	ug/L	94
13) Acetone	2.188	43	43512	36.307	ug/L #	52
14) Carbon disulfide	2.288	76	114402	5.426	ug/L	99
15) Methyl Acetate	2.436	43	12319	3.490	ug/L #	75
16) Methylene chloride	2.500	84	43715	5.264	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	94672	5.168	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	42794	5.448	ug/L	99
19) 1,1-Dichloroethane	3.182	63	78372	5.561	ug/L	98
21) 2-Butanone	4.002	43	70337	36.662	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	47184	5.536	ug/L	99
23) Bromochloromethane	4.240	128	20995	5.233	ug/L	89
25) Chloroform	4.368	83	79363	5.157	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41265	5.038	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	66827	5.106	ug/L	96
30) Cyclohexane	4.664	56	61804	5.212	ug/L	97
31) Carbon tetrachloride	4.818	117	60091	5.176	ug/L	99
33) Benzene	5.092	78	160655	5.204	ug/L	100
34) Trichloroethene	5.908	95	43192	4.814	ug/L	98
35) Methylcyclohexane	6.124	83	64866	5.160	ug/L	99
37) 1,2-Dichloropropane	6.172	63	38037	5.047	ug/L	100
38) Bromodichloromethane	6.506	83	47767	5.002	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	52826	5.201	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	221879	53.486	ug/L	98
42) Toluene	7.384	91	176537	5.444	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	44528	5.252	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	29192	5.189	ug/L	97
47) Tetrachloroethene	7.973	164	36857	5.283	ug/L	98
48) 2-Hexanone	8.143	43	165957	55.607	ug/L	99
49) Dibromochloromethane	8.246	129	35364	5.333	ug/L	98
50) 1,2-Dibromoethane	8.352	107	27567	5.271	ug/L	97
51) Chlorobenzene	8.883	112	111475	5.252	ug/L	99
52) Ethylbenzene	9.011	91	178325	5.358	ug/L	100
53) m,p-xylene	9.137	106	71325	5.621	ug/L	92
54) o-xylene	9.542	106	67376	5.337	ug/L	100
55) Styrene	9.561	104	119426	5.565	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	29975	4.911	ug/L	99
59) Bromoform	9.735	173	19164	5.131	ug/L	99
60) Isopropylbenzene	9.931	105	181262	5.296	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22625	4.794	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	147353	5.310	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	150669	5.344	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	94366	5.385	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	93221	5.201	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	86901	5.323	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4257	4.720	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	70319	5.360	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56263	5.344	ug/L	97
71) Naphthalene	13.503	128	86340	5.005	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51617	5.336	ug/L	97

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

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