

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022560.D
 Acq On : 05 Oct 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 9:33:09 AM

Quant Time: Oct 06 05:18:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:58:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	111694	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	106997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	17211	4.809	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.565	69	24846	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.105	63	52570	5.063	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.200%	
20) 2-Butanone-d5	3.905	46	82852	39.166	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.340%	
24) Chloroform-d	4.346	84	63249	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.027	65	30715	4.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.047	84	113633	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.066	67	35702	4.197	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.314	98	100118	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	7.622	79	10217	4.538	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.088	63	66631	47.802	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29592	4.578	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42373	4.609	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44238	5.200	ug/L	98
3) Chloromethane	1.237	50	45344	5.324	ug/L	100
5) Vinyl chloride	1.307	62	45650	5.310	ug/L	99
6) Bromomethane	1.516	94	29689	5.203	ug/L	99
8) Chloroethane	1.581	64	27628	5.053	ug/L	100
9) Trichlorofluoromethane	1.748	101	68175	5.301	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38140	5.158	ug/L	97
12) 1,1-Dichloroethene	2.114	96	37030	5.412	ug/L	97
13) Acetone	2.201	43	52766m	46.384	ug/L	
14) Carbon disulfide	2.288	76	109103	5.451	ug/L	98
15) Methyl Acetate	2.436	43	11366	3.393	ug/L #	68
16) Methylene chloride	2.503	84	40318	5.114	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	80266	4.616	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	37807	5.070	ug/L	99
19) 1,1-Dichloroethane	3.185	63	65625	4.905	ug/L	99
21) 2-Butanone	3.992	43	77680	42.655	ug/L	87
22) cis-1,2-Dichloroethene	3.905	96	37979	4.694	ug/L	97
23) Bromochloromethane	4.246	128	18520	4.863	ug/L	89
25) Chloroform	4.372	83	72029	4.931	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	37387	4.809	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	61031	4.993	ug/L	98
30) Cyclohexane	4.674	56	53253	4.808	ug/L	100
31) Carbon tetrachloride	4.822	117	53879	4.968	ug/L	99
33) Benzene	5.095	78	141837	4.919	ug/L	100
34) Trichloroethene	5.912	95	39801	4.750	ug/L	97
35) Methylcyclohexane	6.127	83	55914	4.762	ug/L	98
37) 1,2-Dichloropropane	6.172	63	34407	4.888	ug/L	100
38) Bromodichloromethane	6.506	83	43524	4.879	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	43518	4.587	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	195254	50.390	ug/L	99
42) Toluene	7.387	91	157789	5.209	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	37440	4.727	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	25977	4.943	ug/L	98
47) Tetrachloroethene	7.973	164	33048	5.072	ug/L	98
48) 2-Hexanone	8.140	43	142036	50.952	ug/L	98
49) Dibromochloromethane	8.246	129	32695	5.278	ug/L	99
50) 1,2-Dibromoethane	8.352	107	24748	5.066	ug/L	93
51) Chlorobenzene	8.883	112	101612	5.125	ug/L	98
52) Ethylbenzene	9.011	91	160714	5.170	ug/L	100
53) m,p-xylene	9.140	106	64637	5.454	ug/L	93
54) o-xylene	9.545	106	61247	5.194	ug/L	98
55) Styrene	9.561	104	106288	5.302	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	27758	4.868	ug/L	100
59) Bromoform	9.731	173	17746	5.089	ug/L	98
60) Isopropylbenzene	9.931	105	164087	5.135	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	20953	4.756	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	131398	5.072	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	135074	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	84217	5.148	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	83484	4.989	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	76667	5.030	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	3785	4.495	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	61710	5.039	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	49614	5.048	ug/L	99
71) Naphthalene	13.503	128	78271	4.860	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	46616	5.161	ug/L	98

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

