

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022557.D
 Acq On : 04 Oct 2021 15:06
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02034

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:45:09 PM

Quant Time: Oct 05 01:40:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:37:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	115037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	110754	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62391	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	71630	13.55	ug/L	0.00
7) Chloroethane-d5	1.571	69	100241	15.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	213567	16.32	ug/L	0.00
20) 2-Butanone-d5	3.947	46	455456	198.54	ug/L	0.01
24) Chloroform-d	4.349	84	292479	18.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	138047	18.08	ug/L	0.00
32) Benzene-d6	5.047	84	506744	17.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	170312	18.19	ug/L	0.00
41) Toluene-d8	7.326	98	438888	16.63	ug/L	0.01
43) trans-1,3-Dichloroprop...	7.632	79	50711	17.82	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	354979	203.47	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	137875	17.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	188317	16.89	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	185270	20.74	ug/L	99
3) Chloromethane	1.246	50	186567	20.83	ug/L	100
5) Vinyl chloride	1.317	62	182980	21.09	ug/L	99
6) Bromomethane	1.526	94	119317	21.39	ug/L	99
8) Chloroethane	1.590	64	110987	20.27	ug/L	99
9) Trichlorofluoromethane	1.757	101	279958	22.87	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	156922	21.71	ug/L	99
12) 1,1-Dichloroethene	2.121	96	143510	21.64	ug/L	95
13) Acetone	2.217	43	202528m	155.54	ug/L	
14) Carbon disulfide	2.291	76	437346	20.08	ug/L	98
15) Methyl Acetate	2.458	43	83384	27.19	ug/L	97
16) Methylene chloride	2.510	84	152239	13.72	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	370570	21.31	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	157870	20.29	ug/L	99
19) 1,1-Dichloroethane	3.185	63	284452	20.82	ug/L	99
21) 2-Butanone	4.037	43	408463	206.83	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	170507	21.77	ug/L	97
23) Bromochloromethane	4.246	128	84198	23.20	ug/L	91
25) Chloroform	4.375	83	304919	21.41	ug/L	100
27) 1,2-Dichloroethane	5.140	62	168949	20.90	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	269702	22.50	ug/L	99
30) Cyclohexane	4.664	56	257850	22.25	ug/L	97
31) Carbon tetrachloride	4.821	117	243614	23.96	ug/L	100
33) Benzene	5.098	78	637410	21.54	ug/L	100
34) Trichloroethene	5.915	95	168520	22.09	ug/L	98
35) Methylcyclohexane	6.130	83	277202	23.21	ug/L	99
37) 1,2-Dichloropropane	6.182	63	152762	20.51	ug/L	98
38) Bromodichloromethane	6.522	83	197819	21.77	ug/L	97
39) cis-1,3-Dichloropropene	7.040	75	229321	23.35	ug/L	99
40) 4-Methyl-2-pentanone	7.249	43	912639	198.01	ug/L	99
42) Toluene	7.397	91	693663	22.26	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	194015	23.33	ug/L	98

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45) 1,1,2-Trichloroethane	7.850	97	114363	20.48	ug/L	98
47) Tetrachloroethene	7.982	164	143716	22.49	ug/L	98
48) 2-Hexanone	8.156	43	637056	197.10	ug/L	99
49) Dibromochloromethane	8.255	129	145315	23.65	ug/L	97
50) 1,2-Dibromoethane	8.361	107	111647	21.52	ug/L	97
51) Chlorobenzene	8.886	112	440626	21.45	ug/L	99
52) Ethylbenzene	9.017	91	739768	22.81	ug/L	98
53) m,p-xylene	9.143	106	292590	23.44	ug/L	94
54) o-xylene	9.548	106	283726	23.32	ug/L	99
55) Styrene	9.564	104	493370	24.13	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	130361	19.35	ug/L	96
59) Bromoform	9.734	173	81090	22.83	ug/L	100
60) Isopropylbenzene	9.934	105	766983	22.08	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	92883	17.59	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	652371	23.01	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	662697	23.44	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	370555	21.50	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	369914	21.21	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	342626	20.93	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	19830	18.93	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	283571	21.81	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	237836	23.13	ug/L	98
71) Naphthalene	13.503	128	429243	23.25	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	225776	23.30	ug/L	99

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

