

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022551.D
 Acq On : 04 Oct 2021 10:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Quant Time: Oct 05 02:15:15 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	5.609	114	119064	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	110814	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60751	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	21316	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.561	69	28476	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.101	63	58095	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	3.973	46	139487	61.86	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.72%
24) Chloroform-d	4.336	84	79296	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.027	65	37846	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.037	84	134740	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.069	67	44853	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.320	98	118018	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
43) trans-1,3-Dichloroprop...	7.628	79	13123	5.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.60%
46) 2-Hexanone-d5	8.104	63	94037	65.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.28%#
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37476	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	49100	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	45823	5.05	ug/L	98
3) Chloromethane	1.233	50	44188	4.87	ug/L	99
5) Vinyl chloride	1.301	62	44945	4.90	ug/L	95
6) Bromomethane	1.516	94	29617	4.87	ug/L	99
8) Chloroethane	1.577	64	29041	4.98	ug/L	99
9) Trichlorofluoromethane	1.744	101	66959	4.88	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	39394	5.00	ug/L	98
12) 1,1-Dichloroethene	2.108	96	35470	4.86	ug/L	84
13) Acetone	2.275	43	65967	54.40	ug/L #	38
14) Carbon disulfide	2.281	76	105534	4.95	ug/L	100
15) Methyl Acetate	2.465	43	20142	5.64	ug/L	95
16) Methylene chloride	2.497	84	39509	4.70	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	96708	5.22	ug/L	100
18) trans-1,2-Dichloroethene	2.744	96	38495	4.84	ug/L	96
19) 1,1-Dichloroethane	3.175	63	71477	5.01	ug/L	99
21) 2-Butanone	4.059	43	117363	60.46	ug/L #	71
22) cis-1,2-Dichloroethene	3.892	96	41446	4.81	ug/L	95
23) Bromochloromethane	4.233	128	18928	4.66	ug/L	96
25) Chloroform	4.362	83	83787	5.38	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	43785	5.28	ug/L	96
29) 1,1,1-Trichloroethane	4.587	97	65499	5.17	ug/L	97
30) Cyclohexane	4.648	56	62412	5.44	ug/L	96
31) Carbon tetrachloride	4.805	117	56880	5.06	ug/L	99
33) Benzene	5.085	78	156533	5.24	ug/L	100
34) Trichloroethene	5.905	95	42622	4.91	ug/L	98
35) Methylcyclohexane	6.120	83	63994	5.26	ug/L	99
37) 1,2-Dichloropropane	6.172	63	37291	5.12	ug/L	100
38) Bromodichloromethane	6.509	83	47860	5.18	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	52324	5.33	ug/L	98
40) 4-Methyl-2-pentanone	7.249	43	237923	59.29	ug/L	100
42) Toluene	7.390	91	163765	5.22	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	44169	5.38	ug/L	99
45) 1,1,2-Trichloroethane	7.847	97	27923	5.13	ug/L	96
47) Tetrachloroethene	7.976	164	34927	5.18	ug/L	98
48) 2-Hexanone	8.156	43	177044	61.32	ug/L	98
49) Dibromochloromethane	8.249	129	33476	5.22	ug/L	98
50) 1,2-Dibromoethane	8.358	107	27658	5.47	ug/L	99
51) Chlorobenzene	8.882	112	104369	5.08	ug/L	96
52) Ethylbenzene	9.014	91	165935	5.15	ug/L	98
53) m,p-xylene	9.140	106	66136	5.39	ug/L	96
54) o-xylene	9.545	106	63654	5.21	ug/L	100
55) Styrene	9.561	104	110816	5.34	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	31932	5.41	ug/L	99
59) Bromoform	9.731	173	19330	5.42	ug/L	99
60) Isopropylbenzene	9.934	105	169017	5.17	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24125	5.36	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	138625	5.24	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	140707	5.23	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	87510	5.23	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	86219	5.04	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	80700	5.18	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4615	5.36	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	65250	5.21	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	52677	5.24	ug/L	98
71) Naphthalene	13.503	128	88865	5.40	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	51103	5.54	ug/L	99

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

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