

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022827.D
 Acq On : 15 Oct 2021 05:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Quant Time: Oct 16 03:58:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100323	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100616	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60065	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29640	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.568	69	29463	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.111	63	63728	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	3.892	46	75456	41.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.38%
24) Chloroform-d	4.352	84	79995	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.034	65	35883	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.053	84	146917	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.072	67	43788	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.317	98	144069	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
43) trans-1,3-Dichloroprop...	7.625	79	14647	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.088	63	65415	55.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.32%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33114	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	58035	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	39173	5.36	ug/L	100
3) Chloromethane	1.240	50	36889	5.02	ug/L	98
5) Vinyl chloride	1.311	62	37195	4.90	ug/L	98
6) Bromomethane	1.523	94	24195	5.11	ug/L	98
8) Chloroethane	1.584	64	23099	4.92	ug/L	98
9) Trichlorofluoromethane	1.754	101	61104	5.49	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	33935	5.25	ug/L	95
12) 1,1-Dichloroethene	2.121	96	31108	5.13	ug/L	85
13) Acetone	2.182	43	41918	41.54	ug/L #	42
14) Carbon disulfide	2.298	76	92934	5.46	ug/L	100
15) Methyl Acetate	2.439	43	10405	3.60	ug/L	94
16) Methylene chloride	2.510	84	41490	4.97	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	67820	4.63	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	35780	5.43	ug/L	93
19) 1,1-Dichloroethane	3.192	63	62409	5.26	ug/L	97
21) 2-Butanone	3.976	43	60155	36.40	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	36650	5.30	ug/L	90
23) Bromochloromethane	4.249	128	17223	5.60	ug/L	90
25) Chloroform	4.378	83	67392	4.90	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	34632	5.04	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	61271	5.33	ug/L	99
30) Cyclohexane	4.680	56	47988	4.53	ug/L	96
31) Carbon tetrachloride	4.831	117	55643	5.58	ug/L	99
33) Benzene	5.101	78	139631	5.15	ug/L	100
34) Trichloroethene	5.918	95	37196	5.05	ug/L	97
35) Methylcyclohexane	6.133	83	51958	5.03	ug/L	94
37) 1,2-Dichloropropane	6.175	63	33541	5.15	ug/L	99
38) Bromodichloromethane	6.513	83	43280	5.39	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	44285	5.13	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	156831	44.78	ug/L	98
42) Toluene	7.391	91	158949	5.78	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	37647	5.35	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	24385	5.04	ug/L	98
47) Tetrachloroethene	7.976	164	32916	5.52	ug/L	98
48) 2-Hexanone	8.140	43	115041	44.93	ug/L	98
49) Dibromochloromethane	8.246	129	31427	5.55	ug/L	85
50) 1,2-Dibromoethane	8.355	107	22528	4.99	ug/L	95
51) Chlorobenzene	8.883	112	101216	5.60	ug/L	97
52) Ethylbenzene	9.014	91	163476	5.85	ug/L	100
53) m,p-xylene	9.140	106	64734	5.91	ug/L	99
54) o-xylene	9.545	106	61942	6.01	ug/L	96
55) Styrene	9.561	104	108496	6.11	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	27199	5.56	ug/L	95
59) Bromoform	9.731	173	17225	5.12	ug/L	99
60) Isopropylbenzene	9.931	105	169919	5.57	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	19170	4.59	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	136531	5.54	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	140835	5.71	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	87812	5.48	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	87985	5.41	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	79991	5.33	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	3923	5.16	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	70417	5.84	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	56439	6.12	ug/L	98
71) Naphthalene	13.503	128	83443	5.70	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	52908	6.09	ug/L	99

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

