

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020388.D
 Acq On : 23 Feb 2021 18:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005708

Quant Time: Feb 24 03:14:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	307912	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	296991	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	166124	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92821	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.568	69	75542	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.111	63	186018	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.909	46	203916	57.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.00%
24) Chloroform-d	4.355	84	179183	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.040	65	88827	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.053	84	345769	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.076	67	102491	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.320	98	340721	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	7.625	79	41436	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.095	63	163436	60.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.02%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	79838	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
66) 1,2-Dichlorobenzene-d4	11.632	152	138358	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	188797	4.96	ug/L	99
3) Chloromethane	1.240	50	154063	4.75	ug/L	99
5) Vinyl chloride	1.311	62	171706	4.95	ug/L	100
6) Bromomethane	1.523	94	107711	4.85	ug/L	100
8) Chloroethane	1.584	64	99538	4.84	ug/L	99
9) Trichlorofluoromethane	1.754	101	246154	4.93	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	133127	4.97	ug/L	99
12) 1,1-Dichloroethene	2.118	96	125781	4.91	ug/L	97
13) Acetone	2.211	43	170298	53.53	ug/L	99
14) Carbon disulfide	2.294	76	371673	4.87	ug/L	99
15) Methyl Acetate	2.446	43	40875	5.39	ug/L	94
16) Methylene chloride	2.510	84	128580	4.30	ug/L	96
17) Methyl tert-butyl Ether	2.774	73	265690	5.29	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	130165	4.97	ug/L	98
19) 1,1-Dichloroethane	3.192	63	226214	4.88	ug/L	100
21) 2-Butanone	3.989	43	276347	58.76	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	135486	4.94	ug/L	100
23) Bromochloromethane	4.253	128	62744	5.08	ug/L	98
25) Chloroform	4.381	83	242193	4.88	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	141212	5.16	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	212234	5.01	ug/L	99
30) Cyclohexane	4.680	56	196460	5.10	ug/L	98
31) Carbon tetrachloride	4.831	117	187253	5.08	ug/L	99
33) Benzene	5.105	78	518508	5.05	ug/L	100
34) Trichloroethene	5.918	95	144581	5.01	ug/L	99
35) Methylcyclohexane	6.134	83	216251	5.10	ug/L	99
37) 1,2-Dichloropropane	6.179	63	122737	5.03	ug/L	99
38) Bromodichloromethane	6.513	83	159375	5.10	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	171611	5.11	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	678873	58.31	ug/L	99
42) Toluene	7.391	91	573714	5.10	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	144229	5.32	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	93270	5.33	ug/L	98
47) Tetrachloroethene	7.979	164	121815	4.97	ug/L	99
48) 2-Hexanone	8.143	43	489884	59.48	ug/L	100
49) Dibromochloromethane	8.249	129	107567	5.31	ug/L	98
50) 1,2-Dibromoethane	8.358	107	87433	5.33	ug/L	96
51) Chlorobenzene	8.886	112	375111	5.04	ug/L	99
52) Ethylbenzene	9.018	91	631292	5.09	ug/L	99
53) m,p-xylene	9.143	106	243027	5.09	ug/L	98
54) o-xylene	9.548	106	232155	5.17	ug/L	98
55) Styrene	9.564	104	400192	5.33	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	101480	5.53	ug/L	100
59) Bromoform	9.738	173	56809	5.28	ug/L	100
60) Isopropylbenzene	9.937	105	635476	5.05	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	79869	5.26	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	527033	5.11	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	541187	5.20	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	317626	4.94	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	315182	4.89	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	292683	5.05	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.436	75	15226	5.70	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	257103	4.93	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	213311	5.08	ug/L	100
71) Naphthalene	13.509	128	309825	5.47	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	188431	5.20	ug/L	98

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

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