

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023370.D
 Acq On : 11 Nov 2021 07:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Nov 11 07:34:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36777	4.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.568	69	29099	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.111	63	70669	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.889	46	72548	51.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.380%
24) Chloroform-d	4.352	84	71598	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.037	65	32484	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.053	84	142756	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.072	67	40386	4.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.317	98	137960	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	15689	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.088	63	57542	43.020	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28287	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49885	4.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59817	4.717	ug/L	99
3) Chloromethane	1.240	50	55656	5.162	ug/L	96
5) Vinyl chloride	1.310	62	56539	5.251	ug/L	99
6) Bromomethane	1.523	94	28142	4.089	ug/L	96
8) Chloroethane	1.587	64	31772	5.113	ug/L	100
9) Trichlorofluoromethane	1.754	101	81868	5.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	41227	5.062	ug/L	97
12) 1,1-Dichloroethene	2.121	96	39864	5.140	ug/L	91
13) Acetone	2.179	43	54678	63.756	ug/L	89
14) Carbon disulfide	2.298	76	138272	4.725	ug/L	100
15) Methyl Acetate	2.439	43	15246	6.281	ug/L #	89
16) Methylene chloride	2.510	84	51691	4.568	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	90374	5.294	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	47059	4.936	ug/L	98
19) 1,1-Dichloroethane	3.191	63	82494	5.125	ug/L	98
21) 2-Butanone	3.973	43	87474	63.087	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	49305	5.374	ug/L #	90
23) Bromochloromethane	4.252	128	21559	5.096	ug/L #	85
25) Chloroform	4.378	83	87913	5.124	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	47269	5.180	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	78060	5.063	ug/L	99
30) Cyclohexane	4.680	56	70150	5.078	ug/L	96
31) Carbon tetrachloride	4.828	117	70183	5.069	ug/L	99
33) Benzene	5.101	78	188316	5.308	ug/L	100
34) Trichloroethene	5.915	95	51218	5.429	ug/L	94
35) Methylcyclohexane	6.133	83	74284	4.988	ug/L	95
37) 1,2-Dichloropropane	6.175	63	43142	5.209	ug/L	98
38) Bromodichloromethane	6.513	83	57369	5.168	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	57486	4.825	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	220884	57.500	ug/L	97
42) Toluene	7.387	91	202811	5.344	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	50787	5.138	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	30815	5.178	ug/L	97
47) Tetrachloroethene	7.976	164	41420	5.066	ug/L	99
48) 2-Hexanone	8.140	43	154890	57.542	ug/L	96
49) Dibromochloromethane	8.246	129	38567	5.115	ug/L	94
50) 1,2-Dibromoethane	8.355	107	28559	5.178	ug/L	100
51) Chlorobenzene	8.883	112	129703	5.142	ug/L	99
52) Ethylbenzene	9.011	91	211901	5.294	ug/L	100
53) m,p-xylene	9.140	106	84657	5.390	ug/L	96
54) o-xylene	9.545	106	79625	5.404	ug/L	98
55) Styrene	9.561	104	139086	5.510	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	33913	5.201	ug/L	98
59) Bromoform	9.731	173	21358	5.038	ug/L	97
60) Isopropylbenzene	9.931	105	215174	5.284	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24931	5.288	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	178527	5.287	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	181368	5.396	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	107925	5.187	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	110038	5.178	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	96172	5.165	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4995	4.973	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	81195	4.984	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	66020	5.060	ug/L	99
71) Naphthalene	13.503	128	95236	4.950	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	59437	5.207	ug/L	98

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

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