

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022778.D
 Acq On : 13 Oct 2021 22:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Oct 14 03:33:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35721	3.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	35701	4.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.111	63	67796	3.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.892	46	107791	46.008	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.020%
24) Chloroform-d	4.352	84	87848	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.037	65	39997	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.053	84	163703	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.072	67	52988	4.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.317	98	151075	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	16483	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.091	63	88010	57.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41876	5.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	61307	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46194	4.880	ug/L	99
3) Chloromethane	1.240	50	48989	5.150	ug/L	99
5) Vinyl chloride	1.310	62	49962	5.083	ug/L	100
6) Bromomethane	1.523	94	30837	5.033	ug/L	98
8) Chloroethane	1.584	64	30261	4.976	ug/L	99
9) Trichlorofluoromethane	1.754	101	69537	4.830	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38819	4.635	ug/L	97
12) 1,1-Dichloroethene	2.117	96	35306	4.501	ug/L	89
13) Acetone	2.185	43	54786	41.935	ug/L #	45
14) Carbon disulfide	2.294	76	112231	5.090	ug/L	100
15) Methyl Acetate	2.439	43	16789	4.491	ug/L #	90
16) Methylene chloride	2.506	84	47558	4.404	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	82113	4.326	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	42299	4.958	ug/L	96
19) 1,1-Dichloroethane	3.191	63	74191	4.828	ug/L	99
21) 2-Butanone	3.979	43	87427	40.871	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	43472	4.853	ug/L	93
23) Bromochloromethane	4.252	128	20858	5.241	ug/L	94
25) Chloroform	4.378	83	79252	4.449	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42483	4.779	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	68683	4.671	ug/L	99
30) Cyclohexane	4.680	56	57826	4.262	ug/L	98
31) Carbon tetrachloride	4.831	117	60713	4.757	ug/L	100
33) Benzene	5.101	78	167522	4.831	ug/L	100
34) Trichloroethene	5.918	95	42922	4.551	ug/L	99
35) Methylcyclohexane	6.133	83	62237	4.710	ug/L	96
37) 1,2-Dichloropropane	6.175	63	40751	4.886	ug/L	99
38) Bromodichloromethane	6.513	83	51834	5.044	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	53130	4.812	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	216484	48.304	ug/L	99
42) Toluene	7.391	91	184815	5.249	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	45729	5.080	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	29645	4.790	ug/L	95
47) Tetrachloroethene	7.976	164	37538	4.922	ug/L	99
48) 2-Hexanone	8.140	43	157355	48.020	ug/L	98
49) Dibromochloromethane	8.249	129	36570	5.047	ug/L	94
50) 1,2-Dibromoethane	8.355	107	27904	4.828	ug/L	100
51) Chlorobenzene	8.882	112	116507	5.036	ug/L	99
52) Ethylbenzene	9.014	91	183746	5.141	ug/L	99
53) m,p-xylene	9.140	106	71416	5.091	ug/L	97
54) o-xylene	9.545	106	69235	5.246	ug/L	96
55) Styrene	9.561	104	123027	5.410	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	35329	5.642	ug/L	99
59) Bromoform	9.731	173	20404	4.945	ug/L	99
60) Isopropylbenzene	9.934	105	185426	4.956	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24951	4.875	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	147642	4.884	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	151548	5.010	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	98391	5.011	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	96985	4.864	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	91499	4.967	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	5004	5.372	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	74436	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	59870	5.298	ug/L	98
71) Naphthalene	13.503	128	94744	5.275	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	56679	5.319	ug/L	99

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

