Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103020\
Data File : VX019187.D
Acq On : 29 Oct 2020 13:09
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD005310

Quant Time: Oct 30 08:12:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 30 08:55:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	188870	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	173726	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	82744	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	60362	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	1.70	69	51492	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.34	63	121780	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	4.56	46	143268	53.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.30%			
24) Chloroform-d	5.14	84	119524	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	6.03	65	62343	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	6.04	84	237032	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	7.37	67	67896	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	8.70	98	221342	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	8.99	79	29246	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	9.43	63	133749	52.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.80%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	53160	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
66) 1,2-Dichlorobenzene-d4	12.36	152	79215	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	82868	5.307	ug/L	100
3) Chloromethane	1.31	50	70571	5.237	ug/L	99
5) Vinyl chloride	1.39	62	78662	5.184	ug/L	99
6) Bromomethane	1.64	94	49879	5.101	ug/L	95
8) Chloroethane	1.72	64	48160	5.235	ug/L	99
9) Trichlorofluoromethane	1.92	101	117195	5.349	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	67953	5.457	ug/L	99
12) 1,1-Dichloroethene	2.36	96	63146	5.214	ug/L	98
13) Acetone	2.46	43	79846	52.442	ug/L	98
14) Carbon disulfide	2.55	76	191548	5.099	ug/L	100
15) Methyl Acetate	2.76	43	22289	5.487	ug/L	99
16) Methylene chloride	2.83	84	67092	4.645	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	149632	5.160	ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	66341	5.206	ug/L	98
19) 1,1-Dichloroethane	3.67	63	113713	5.213	ug/L	100
21) 2-Butanone	4.66	43	135641	50.726	ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	69993	5.157	ug/L	99

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD005310

Quant Time: Oct 30 08:12:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 30 08:55:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	29840	5.288 ug/L	95
25) Chloroform	5.17	83	119700	5.278 ug/L	97
27) 1,2-Dichloroethane	6.16	62	74599	5.256 ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	109894	5.124 ug/L	99
30) Cyclohexane	5.54	56	110252	5.156 ug/L	99
31) Carbon tetrachloride	5.75	117	92218	5.047 ug/L	99
33) Benzene	6.11	78	263372	5.089 ug/L	100
34) Trichloroethene	7.18	95	70334	4.970 ug/L	99
35) Methylcyclohexane	7.44	83	118904	5.195 ug/L	99
37) 1,2-Dichloropropane	7.49	63	63238	5.184 ug/L	100
38) Bromodichloromethane	7.87	83	81097	5.107 ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	96808	5.167 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	338068	51.903 ug/L	100
42) Toluene	8.76	91	286594	5.127 ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	80697	5.144 ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	45772	5.142 ug/L	97
47) Tetrachloroethene	9.32	164	55061	5.097 ug/L	90
48) 2-Hexanone	9.48	43	240297	52.743 ug/L	99
49) Dibromochloromethane	9.56	129	52822	5.126 ug/L	100
50) 1,2-Dibromoethane	9.65	107	42222	5.114 ug/L	93
51) Chlorobenzene	10.12	112	179275	5.066 ug/L	100
52) Ethylbenzene	10.23	91	320444	5.124 ug/L	99
53) m,p-xylene	10.34	106	123146	5.133 ug/L	100
54) o-xylene	10.68	106	116772	5.080 ug/L	96
55) Styrene	10.70	104	194486	5.179 ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	52209	5.146 ug/L	98
59) Bromoform	10.84	173	27639	5.088 ug/L	97
60) Isopropylbenzene	11.00	105	319592	5.258 ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	39215	5.282 ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	271616	5.337 ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	273288	5.297 ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	141683	5.248 ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	139524	5.175 ug/L	98
67) 1,2-Dichlorobenzene	12.37	146	130028	5.239 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	8727	5.140 ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	104654	5.280 ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	91183	5.272 ug/L	93
71) Naphthalene	13.82	128	161697	5.198 ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	80507	5.275 ug/L	99

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

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