Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030420\
Data File : VV014729.D
Acq On : 04 Mar 2020 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00559

Manual Integrations APPROVED
sam
3/5/2020 3:35:28 PM

Quant Time: Mar 05 06:25:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 03 13:02:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	275886	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	264934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	137680	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	80424	3.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	1.58	69	68636	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.13	63	145195	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%			
20) 2-Butanone-d5	3.98	46	190887m	42.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.52%			
24) Chloroform-d	4.39	84	169768	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	5.08	65	85317	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
32) Benzene-d6	5.09	84	332969	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.11	67	105383	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.35	98	307967	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	7.66	79	41252	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.13	63	152821	40.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.28%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	79245	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	113250	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	139353	4.599	ug/L	100
3) Chloromethane	1.25	50	119549	4.284	ug/L	100
5) Vinyl chloride	1.32	62	115558	4.505	ug/L	98
6) Bromomethane	1.53	94	69571	4.813	ug/L	97
8) Chloroethane	1.60	64	64595	4.495	ug/L	99
9) Trichlorofluoromethane	1.77	101	162010	4.637	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86601	4.736	ug/L	98
12) 1,1-Dichloroethene	2.14	96	82588	4.750	ug/L	94
13) Acetone	2.26	43	122334m	40.718	ug/L	
14) Carbon disulfide	2.31	76	241776	4.078	ug/L	99
15) Methyl Acetate	2.48	43	23553	3.089	ug/L #	85
16) Methylene chloride	2.53	84	98126	4.513	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	225647	4.771	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	100898	4.801	ug/L	96
19) 1,1-Dichloroethane	3.23	63	192719	4.688	ug/L	98
21) 2-Butanone	4.06	43	253089	49.496	ug/L #	74
22) cis-1,2-Dichloroethene	3.96	96	105612	4.701	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030420\
Data File : VV014729.D
Acq On : 04 Mar 2020 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Manual Integrations APPROVED
sam
3/5/2020 3:35:28 PM

Quant Time: Mar 05 06:25:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 03 13:02:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	43873	4.866 ug/L	90
25) Chloroform	4.42	83	190717	4.727 ug/L	98
27) 1,2-Dichloroethane	5.18	62	116466	4.713 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	168006	4.810 ug/L	99
30) Cyclohexane	4.72	56	179465	4.565 ug/L	99
31) Carbon tetrachloride	4.87	117	146975	4.885 ug/L	100
33) Benzene	5.14	78	416805	4.792 ug/L	100
34) Trichloroethene	5.95	95	108111	4.744 ug/L	97
35) Methylcyclohexane	6.17	83	182975	4.721 ug/L	98
37) 1,2-Dichloropropane	6.22	63	105425	4.744 ug/L	98
38) Bromodichloromethane	6.55	83	130537	4.816 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	156872	4.873 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	635561	47.763 ug/L	98
42) Toluene	7.42	91	449423	4.879 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	120504	4.824 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	68566	4.833 ug/L	97
47) Tetrachloroethene	8.01	164	87520	4.803 ug/L	97
48) 2-Hexanone	8.18	43	453218	47.803 ug/L	97
49) Dibromochloromethane	8.28	129	83091	5.180 ug/L	99
50) 1,2-Dibromoethane	8.39	107	63915	4.719 ug/L	96
51) Chlorobenzene	8.92	112	284018	4.869 ug/L	97
52) Ethylbenzene	9.05	91	502101	4.807 ug/L	100
53) m,p-xylene	9.17	106	186453	4.876 ug/L	100
54) o-xylene	9.58	106	183994	4.943 ug/L	98
55) Styrene	9.60	104	309741	4.953 ug/L	99
56) Isopropylbenzene	9.97	105	489244	4.865 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	86970	4.902 ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	63120	4.863 ug/L	98
61) Bromoform	9.77	173	45426	5.607 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	229956	4.885 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	232096	4.826 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	210706	4.846 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	13920	4.837 ug/L	95
67) 1,3,5-Trichlorobenzene	12.68	180	186205	4.875 ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	160212	4.884 ug/L	98
69) Naphthalene	13.54	128	252751	4.733 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	145475	4.970 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030420\
Data File : VV014729.D
Acq On : 04 Mar 2020 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 05 06:25:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 03 13:02:20 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00559

Manual Integrations APPROVED
sam
3/5/2020 3:35:28 PM