Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012707.D
Acq On : 04 Nov 2017 14:54
Operator : SJ/JU
Sample : SSTD16092
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16092

Manual Integrations APPROVED
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11/6/2017 4:23:40 PM

Quant Time: Nov 04 14:29:00 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	69938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	272767	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	160304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	349186	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	366499	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	402819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.00	99	885154	140.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	468279	103.85	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.54	113	743619	157.50	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.75	131	480838	97.56	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.68	143	353809	170.24	ng/ul	0.02
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.59	200	423427	191.85	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.96	77	369044	83.306	ng/ul	98
6) Phenol	7.03	94	902672	133.403	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.25	93	672581	127.592	ng/ul	100
11) 2-Methylphenol	8.26	108	680402	145.343	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	548139	64.096	ng/ul#	91
14) Acetophenone	8.65	105	1125021	139.730	ng/ul	98
16) 4-Methylphenol	8.61	108	736580	144.884	ng/ul	98
30) 4-Chloroaniline	10.77	127	503610	96.980	ng/ul	100
32) Caprolactam	11.59	113	211625m	160.088	ng/ul	
37) Hexachlorocyclopentadiene	12.62	237	660580	195.525	ng/ul	97
48) 3-Nitroaniline	14.37	138	331314	147.828	ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	312313	209.127	ng/ul	92
52) 4-Nitrophenol	14.69	109	303313	124.515	ng/ul	95
60) 4-Nitroaniline	15.54	138	433475	182.088	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.60	198	442954	186.633	ng/ul#	89
67) Atrazine	16.67	200	648588	161.403	ng/ul	95
68) Pentachlorophenol	16.85	266	518407	194.279	ng/ul	99
74) Carbazole	17.60	167	2690606	148.295	ng/ul	98
76) Fluoranthene	19.26	202	3642562	153.298	ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.29	252	1331253	189.300	ng/ul#	97
86) Di-n-octyl phthalate	22.18	149	3465566	148.239	ng/ul	98

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

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