Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB092916\
Data File : BB058560.D
Acq On : 29 Sep 2016 15:47
Operator : UM/SJ
Sample : SSTD16072
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD16072

Quant Time: Sep 29 16:37:03 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 14:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	513982	20.00	ng/ul	0.02
18) Naphthalene-d8	11.64	136	1975101	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.59	164	1131278	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.46	188	1776545	20.00	ng/ul	0.04
75) Chrysene-d12	22.85	240	1409486	20.00	ng/ul	0.06
83) Perylene-d12	25.93	264	1379196	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.89	99	5879361	128.87	ng/ul	0.10
7) Bis-(2-Chloroethyl)ether-d	7.98	67	4224442	172.22	ng/ul	0.04
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.52	113	4746506m	121.89	ng/ul	0.08
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	11.81	131	4749220	141.52	ng/ul	0.08
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	15.92	143	3491156m	240.36	ng/ul	0.15
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	16.82	200	2763699	254.94	ng/ul	0.10
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.75	77	2918603	95.38	ng/ul	95
6) Phenol	7.93	94	5076980	109.67	ng/ul#	76
8) Bis(2-Chloroethyl)ether	8.12	93	4960469	149.62	ng/ul	97
11) 2-Methylphenol	9.22	108	4229224	118.53	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.27	45	6715680	186.22	ng/ul	96
14) Acetophenone	9.60	105	6661988m	112.34	ng/ul	
16) 4-Methylphenol	9.60	108	4710529m	117.97	ng/ul	
30) 4-Chloroaniline	11.83	127	3982839	113.40	ng/ul	90
32) Caprolactam	12.82	113	1350972m	117.20	ng/ul	
37) Hexachlorocyclopentadiene	13.76	237	2077148	115.95	ng/ul#	95
48) 3-Nitroaniline	14.68	138	4205700	261.38	ng/ul#	39
50) 2,4-Dinitrophenol	15.76	184	2485159	235.01	ng/ul#	81
52) 4-Nitrophenol	15.96	109	2290411m	151.47	ng/ul	
60) 4-Nitroaniline	16.84	138	2761407m	156.05	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.86	198	2495044	224.18	ng/ul#	90
67) Atrazine	17.94	200	2436663	121.95	ng/ul#	90
68) Pentachlorophenol	18.11	266	2360395	172.82	ng/ul	99
72) Carbazole	18.88	167	8908220	104.96	ng/ul#	72
74) Fluoranthene	20.56	202	8320171	70.13	ng/ul#	67
79) 3,3'-Dichlorobenzidine	22.73	252	2777787	107.27	ng/ul#	93
84) Di-n-octyl phthalate	22.71	149	7696627	115.54	ng/ul#	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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