Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002062.D
Acq On : 27 Jul 2015 15:31
Operator : UM/HP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16077

Manual Integrations APPROVED
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7/29/2015 10:42:49 AM

Quant Time: Jul 27 16:19:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 14:35:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	68596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	270252	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	156938	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	345667	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	403704	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	393133	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	6.79	99	821183	155.97	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	437684	159.03	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.33	113	659171	164.85	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	10.54	131	673151	157.66	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.51	143	334743	183.46	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.42	200	380169	177.29	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.75	77	339781	121.47	ng/ul	98
6) Phenol	6.82	94	835109	157.82	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.04	93	611097	157.63	ng/ul	96
11) 2-Methylphenol	8.06	108	639543	163.14	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.14	45	618616	176.03	ng/ul	94
14) Acetophenone	8.44	105	1031080	165.66	ng/ul	98
16) 4-Methylphenol	8.40	108	685269	164.03	ng/ul	94
30) 4-Chloroaniline	10.56	127	703184	153.52	ng/ul	99
32) Caprolactam	11.37	113	197218m	159.70	ng/ul	
38) Hexachlorocyclopentadiene	12.41	237	568358	173.10	ng/ul	98
49) 3-Nitroaniline	14.19	138	337238	171.11	ng/ul	95
51) 2,4-Dinitrophenol	14.41	184	277074	203.89	ng/ul	97
53) 4-Nitrophenol	14.52	109	279584	183.18	ng/ul	98
61) 4-Nitroaniline	15.37	138	380232	185.35	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	392815	175.28	ng/ul	95
68) Atrazine	16.50	200	613571	159.75	ng/ul	100
69) Pentachlorophenol	16.67	266	383307	182.27	ng/ul	97
75) Carbazole	17.43	167	2535662	162.37	ng/ul	99
77) Fluoranthene	19.08	202	3346593	158.85	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.14	252	1153624	166.66	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	3622015	165.24	ng/ul	100

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

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