Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004232.D
Acq On : 12 Feb 2016 17:16
Operator : SJ/IZ
Sample : SSTD16061
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16061

Manual Integrations APPROVED
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2/15/2016 12:17:06 PM

Quant Time: Feb 12 18:04:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 16:35:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	29558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	123088	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	62328	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	119335	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	115854	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	125244	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	6.84	99	365794	126.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	192071	125.13	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.39	113	295636	119.50	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	10.59	131	264701	110.53	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	14.56	143	129714	120.86	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.46	200	124594	169.41	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	6.79	77	113897	68.08	ng/ul	96
6) Phenol	6.87	94	383205	122.24	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	283515	127.71	ng/ul	96
11) 2-Methylphenol	8.10	108	293947	121.77	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	268925	111.10	ng/ul	98
14) Acetophenone	8.48	105	444112	112.61	ng/ul	99
16) 4-Methylphenol	8.46	108	311754	114.09	ng/ul	97
30) 4-Chloroaniline	10.61	127	277750	107.94	ng/ul	99
32) Caprolactam	11.42	113	81956m	104.27	ng/ul	
38) Hexachlorocyclopentadiene	12.46	237	210298	269.06	ng/ul	99
49) 3-Nitroaniline	14.24	138	132963	112.20	ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	97188	158.87	ng/ul	94
53) 4-Nitrophenol	14.57	109	102505	118.43	ng/ul	96
61) 4-Nitroaniline	15.42	138	164240m	113.69	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.47	198	132678	164.54	ng/ul	98
68) Atrazine	16.54	200	203542	147.18	ng/ul	98
69) Pentachlorophenol	16.72	266	123720	168.53	ng/ul	100
75) Carbazole	17.47	167	894760	133.14	ng/ul	99
77) Fluoranthene	19.14	202	1084667	127.96	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	323691	135.93	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	1297943	154.21	ng/ul#	97

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

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