Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
Data File : BM008277.D
Acq On : 13 Dec 2016 17:48
Operator : UM/SJ
Sample : SSTD16040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16040

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Quant Time: Dec 13 18:36:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 17:07:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	124536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	493274	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	338591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	675260	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	872444	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	883230	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	6.87	99	1584344	143.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	870393	145.15	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.40	113	1233161	132.68	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	10.60	131	1159945	133.96	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	14.57	143	618605	117.13	ng/ul	0.01
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.47	200	738065	182.42	ng/ul	0.00
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	6.84	77	691720	134.08	ng/ul	94
6) Phenol	6.90	94	1628247	140.89	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.12	93	1186936	135.53	ng/ul	94
11) 2-Methylphenol	8.13	108	1210015	132.68	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	1304025	122.10	ng/ul	97
14) Acetophenone	8.51	105	1967792	140.00	ng/ul	94
16) 4-Methylphenol	8.47	108	1291653	127.11	ng/ul	99
30) 4-Chloroaniline	10.63	127	1162643	127.25	ng/ul	100
32) Caprolactam	11.47	113	382070m	134.75	ng/ul	
37) Hexachlorocyclopentadiene	12.46	237	898281	144.16	ng/ul	98
48) 3-Nitroaniline	14.26	138	629383	116.31	ng/ul	88
50) 2,4-Dinitrophenol	14.47	184	513221	146.09	ng/ul	96
52) 4-Nitrophenol	14.59	109	585573	135.31	ng/ul	89
60) 4-Nitroaniline	15.43	138	641366	101.08	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.49	198	741882	171.05	ng/ul#	98
67) Atrazine	16.56	200	1213330	168.96	ng/ul	96
68) Pentachlorophenol	16.73	266	827996	173.68	ng/ul	99
74) Carbazole	17.49	167	4956666	148.80	ng/ul	99
76) Fluoranthene	19.14	202	6640855	160.52	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.19	252	2210476	130.03	ng/ul#	97
86) Di-n-octyl phthalate	22.05	149	6995066	133.79	ng/ul	100

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

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