Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007447.D
Acq On : 07 Sep 2016 20:06
Operator : UM/SJ
Sample : H4666-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 08 03:27:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	216243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1096268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	769089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1952353	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2483086	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2314356	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8011	1.89	ng/uL	0.00
5) Phenol-d5	6.96	99	254868	12.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	183684	17.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	220606	14.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	164020	9.21	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	133047	16.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	137406	14.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	254641	13.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	5663	0.24	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	978298	14.74	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1360984	17.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	24833	1.98	ng/ul	0.00
57) Fluorene-d10	15.42	176	1051570	18.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	98103	7.99	ng/ul	0.00
70) Anthracene-d10	17.26	188	1660813	18.21	ng/ul	0.00
76) Pyrene-d10	19.56	212	2138668	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1782387	16.72	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.94	77	16609	1.43	ng/ul#	86
28) Naphthalene	10.63	128	247072	4.53	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	202631	4.54	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	63741	1.07	ng/ul	95
44) Dimethylphthalate	13.87	163	604417	9.15	ng/ul	99
53) Dibenzofuran	14.82	168	243830	3.16	ng/ul	98
69) Phenanthrene	17.21	178	913053	8.71	ng/ul	100
74) Fluoranthene	19.22	202	1111603	8.45	ng/ul	99
77) Pyrene	19.59	202	638475	4.79	ng/ul	99
80) Benzo(a)anthracene	21.33	228	417709m	2.85	ng/ul	
82) Chrysene	21.39	228	1428221m	10.77	ng/ul	
85) Benzo(b)fluoranthene	22.93	252	1493430	10.91	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	282349m	2.23	ng/ul	
88) Benzo(a)pyrene	23.52	252	192310	1.47	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.90	276	189150	1.18	ng/ul	98

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

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