Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070516\
Data File : BM006262.D
Acq On : 05 Jul 2016 17:43
Operator : UM/SJ
Sample : H3612-14 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z32

Manual Integrations APPROVED
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7/5/2016 7:58:25 PM

Quant Time: Jul 05 18:45:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 05 17:52:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	224513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1013901	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	551578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1100617	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	912387	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	921225	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	526	0.10	ng/uL	0.00
5) Phenol-d5	6.82	99	29053	1.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	19522	1.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	21629	1.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	22450	1.32	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	9964	1.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	10228	1.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	17639	1.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	10497	0.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	65453	1.42	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	81244	1.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	5439	0.62	ng/ul	0.01
57) Fluorene-d10	15.29	176	63327	1.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	3354	0.52	ng/ul	0.00
70) Anthracene-d10	17.14	188	87569m	1.67	ng/ul	0.00
76) Pyrene-d10	19.44	212	83410	1.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	71594	1.67	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.47	128	75605	1.45	ng/ul	98
49) Acenaphthene	14.36	153	101155	2.66	ng/ul	97
53) Dibenzofuran	14.69	168	95274	1.76	ng/ul	97
58) Fluorene	15.34	166	108339	2.49	ng/ul	98
69) Phenanthrene	17.09	178	1387271	22.60	ng/ul	99
71) Anthracene	17.17	178	206549	3.26	ng/ul	98
72) Carbazole	17.45	167	221467	4.17	ng/ul	99
74) Fluoranthene	19.11	202	1578974	23.11	ng/ul	99
77) Pyrene	19.47	202	1171416	20.47	ng/ul	99
80) Benzo(a)anthracene	21.23	228	542336	9.69	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	82503	2.35	ng/ul	98
82) Chrysene	21.27	228	570698	11.17	ng/ul	97
85) Benzo(b)fluoranthene	22.79	252	736825	13.51	ng/ul#	96
86) Benzo(k)fluoranthene	22.83	252	230672m	4.55	ng/ul	
88) Benzo(a)pyrene	23.36	252	457623	8.67	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.67	276	340282	5.63	ng/ul	99
90) Dibenzo(a,h)anthracene	25.67	278	86562	1.74	ng/ul#	91
91) Benzo(g,h,i)perylene	26.34	276	306872	5.89	ng/ul	97

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

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