Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005606.D
Acq On : 23 May 2016 02:55
Operator : UM/SJ
Sample : H3086-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF4

Manual Integrations APPROVED
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5/23/2016 8:36:12 PM

Quant Time: May 23 08:12:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	156226	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	688335	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	380123	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	848806	20.00	ng/ul	0.02
75) Chrysene-d12	21.39	240	708675	20.00	ng/ul	0.02
83) Perylene-d12	23.54	264	636807	20.00	ng/ul	-0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	12563	3.52	ng/uL	0.00
5) Phenol-d5	7.00	99	321345	25.09	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	183080	24.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	264227	24.73	ng/ul	0.01
13) 4-Methylphenol-d8	8.54	113	257899	24.58	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	132471	25.17	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	138569	23.92	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	268646	24.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	246251	22.54	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	794192	25.59	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	1024839	26.42	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	117529	20.02	ng/ul	0.04
57) Fluorene-d10	15.45	176	717101	26.56	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	16762	3.43	ng/ul	0.03
70) Anthracene-d10	17.30	188	1120342	27.71	ng/ul	0.02
76) Pyrene-d10	19.60	212	1144043	35.65	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.54	264	672909m	22.63	ng/ul	0.05
Target Compounds						Qvalue
16) 4-Methylphenol	8.60	108	13209	1.22	ng/ul	92
28) Naphthalene	10.66	128	35544	1.03	ng/ul	97
44) Dimethylphthalate	13.92	163	140042	4.57	ng/ul	99
47) Acenaphthylene	14.19	152	2153784	54.65	ng/ul	99
49) Acenaphthene	14.53	153	55955	2.15	ng/ul	94
58) Fluorene	15.51	166	90459	3.05	ng/ul	95
60) 4-Nitroaniline	15.52	138	8394	1.20	ng/ul	89
69) Phenanthrene	17.24	178	762874	16.08	ng/ul	98
71) Anthracene	17.34	178	1195380	24.73	ng/ul	99
72) Carbazole	17.61	167	68670	1.64	ng/ul#	87
74) Fluoranthene	19.27	202	3848794	72.08	ng/ul	99
77) Pyrene	19.63	202	4606906	113.08	ng/ul	99
80) Benzo(a)anthracene	21.37	228	2585721	62.07	ng/ul#	86
82) Chrysene	21.43	228	2717246	68.56	ng/ul	95
85) Benzo(b)fluoranthene	23.00	252	3384974	90.12	ng/ul	96
86) Benzo(k)fluoranthene	23.04	252	990927m	27.87	ng/ul	
88) Benzo(a)pyrene	23.60	252	2377396	65.25	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	1840305m	42.52	ng/ul	
90) Dibenzo(a,h)anthracene	26.04	278	633152m	17.57	ng/ul	
91) Benzo(g,h,i)perylene	26.76	276	1396340m	38.38	ng/ul	

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

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