Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005609.D
Acq On : 23 May 2016 04:44
Operator : UM/SJ
Sample : H3087-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK2

Manual Integrations APPROVED
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Quant Time: May 23 08:25:05 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	7.83	152	102509	20.00	ng/ul	0.02
18) Naphthalene-d8	10.63	136	442467	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	254512	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.22	188	544026	20.00	ng/ul	0.04
75) Chrysene-d12	21.40	240	524760	20.00	ng/ul	0.04
83) Perylene-d12	23.70	264	427366	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5616	2.40	ng/uL	0.00
5) Phenol-d5	7.02	99	151275	18.00	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.16	67	85450	17.55	ng/ul	0.02
9) 2-Chlorophenol-d4	7.37	132	124019	17.69	ng/ul	0.03
13) 4-Methylphenol-d8	8.56	113	123172	17.89	ng/ul	0.04
19) Nitrobenzene-d5	8.99	128	62810	18.57	ng/ul	0.02
22) 2-Nitrophenol-d4	9.71	143	66090	17.75	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	129532	18.47	ng/ul	0.04
29) 4-Chloroaniline-d4	10.77	131	122929	17.50	ng/ul	0.03
43) Dimethylphthalate-d6	13.88	166	394540	18.99	ng/ul	0.02
46) Acenaphthylene-d8	14.17	160	490350	18.88	ng/ul	0.03
51) 4-Nitrophenol-d4	14.70	143	53725	13.67	ng/ul	0.05
57) Fluorene-d10	15.47	176	339613	18.79	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.60	200	10284	3.29	ng/ul	0.05
70) Anthracene-d10	17.32	188	511263	19.73	ng/ul	0.04
76) Pyrene-d10	19.62	212	513003	21.59	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.55	264	385558	19.32	ng/ul	0.05
Target Compounds						Qvalue
14) Acetophenone	8.66	105	19020	1.83	ng/ul	99
16) 4-Methylphenol	8.61	108	8063	1.13	ng/ul	80
44) Dimethylphthalate	13.92	163	214859	10.47	ng/ul	99
47) Acenaphthylene	14.20	152	114509	4.34	ng/ul	98
49) Acenaphthene	14.54	153	30861	1.77	ng/ul	97
58) Fluorene	15.52	166	89755	4.51	ng/ul	97
69) Phenanthrene	17.26	178	1105251	36.35	ng/ul	99
71) Anthracene	17.35	178	318818	10.29	ng/ul	99
72) Carbazole	17.62	167	35979	1.34	ng/ul#	86
74) Fluoranthene	19.43	202	104300	3.05	ng/ul	97
77) Pyrene	19.64	202	1826113	60.53	ng/ul#	92
80) Benzo(a)anthracene	21.38	228	636810	20.65	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.30	149	24176	1.35	ng/ul#	76
82) Chrysene	21.43	228	759637	25.89	ng/ul	95
85) Benzo(b)fluoranthene	23.01	252	577425	22.91	ng/ul#	84
86) Benzo(k)fluoranthene	23.04	252	205335m	8.61	ng/ul	
88) Benzo(a)pyrene	23.60	252	462913	18.93	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	26.04	276	259638	8.94	ng/ul	95
90) Dibenzo(a,h)anthracene	26.04	278	62659	2.59	ng/ul#	26
91) Benzo(g,h,i)perylene	26.76	276	232152	9.51	ng/ul#	89

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

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