Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007109.D
Acq On : 14 Aug 2016 15:54
Operator : UM/SJ
Sample : H4387-11
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0612-01

Manual Integrations APPROVED
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8/15/2016 6:55:38 PM

Quant Time: Aug 15 15:30:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	299304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1171228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	678850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1566133	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1836646	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	2027834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	31899	4.66	ng/uL	0.00
5) Phenol-d5	6.97	99	664775	27.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	388008	27.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	553846	28.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	484197	24.27	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	265336	31.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	300414	33.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	558002	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	552680	24.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1636236	29.17	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2067931	30.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	250982	24.96	ng/ul	0.00
57) Fluorene-d10	15.43	176	1447238	29.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	140250	16.21	ng/ul	0.00
70) Anthracene-d10	17.29	188	2274953	31.36	ng/ul	0.00
76) Pyrene-d10	19.58	212	2603280	33.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2889686	31.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	61761	2.42	ng/ul	96
44) Dimethylphthalate	13.90	163	1803493	32.17	ng/ul	100
47) Acenaphthylene	14.16	152	702400	10.13	ng/ul	99
58) Fluorene	15.49	166	105586m	1.96	ng/ul	
69) Phenanthrene	17.23	178	1784870	21.19	ng/ul	100
71) Anthracene	17.32	178	619056	7.16	ng/ul	99
74) Fluoranthene	19.24	202	3649006	35.72	ng/ul	99
77) Pyrene	19.61	202	4442291	43.75	ng/ul	98
80) Benzo(a)anthracene	21.36	228	2856143	26.32	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.29	149	1001633	17.14	ng/ul	98
82) Chrysene	21.41	228	2679495	27.02	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	3277603	26.83	ng/ul	97
86) Benzo(k)fluoranthene	23.01	252	1153893m	10.06	ng/ul	
88) Benzo(a)pyrene	23.56	252	2666435	23.03	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.96	276	1724629	12.15	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	479611	4.03	ng/ul#	92
91) Benzo(g,h,i)perylene	26.66	276	1564707	13.04	ng/ul	98

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

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