Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007043.D
Acq On : 12 Aug 2016 14:48
Operator : UM/SJ
Sample : H4387-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0612-01

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8/15/2016 6:53:47 PM

Quant Time: Aug 12 19:03:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 01:51:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	322869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1515046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	977892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2288624	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1767443	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1683290	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	30567	4.14	ng/uL	0.00
5) Phenol-d5	6.97	99	733498	28.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	422107	28.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	588534	28.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	574984	26.72	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	299910	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	336682	28.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	654974	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	597550	20.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2139441	26.48	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2602143	26.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	327485	22.61	ng/ul	0.00
57) Fluorene-d10	15.44	176	1886745	26.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	204376	16.16	ng/ul	0.00
70) Anthracene-d10	17.29	188	2927053	27.61	ng/ul	0.00
76) Pyrene-d10	19.58	212	2815064	37.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2129852	27.66	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	65483	2.38	ng/ul	96
44) Dimethylphthalate	13.90	163	2751488	34.07	ng/ul	99
47) Acenaphthylene	14.17	152	354382	3.55	ng/ul	99
69) Phenanthrene	17.23	178	1791664	14.56	ng/ul	100
71) Anthracene	17.32	178	286447	2.27	ng/ul	97
74) Fluoranthene	19.24	202	2253573	15.10	ng/ul	99
77) Pyrene	19.61	202	3309728	33.87	ng/ul	99
80) Benzo(a)anthracene	21.36	228	1225802m	11.74	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.30	149	104227	1.85	ng/ul	99
82) Chrysene	21.41	228	1340610	14.05	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	1228551	12.12	ng/ul	95
86) Benzo(k)fluoranthene	23.01	252	264575m	2.78	ng/ul	
88) Benzo(a)pyrene	23.55	252	984346	10.24	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.95	276	616233	5.23	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	174487	1.76	ng/ul#	82
91) Benzo(g,h,i)perylene	26.65	276	653750	6.56	ng/ul	99

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

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