Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008423.D
Acq On : 17 Dec 2016 22:01
Operator : UM/SJ
Sample : H6067-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G4

Manual Integrations APPROVED
umangi
12/20/2016 10:52:03 AM

Quant Time: Dec 18 04:44:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	141176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	526011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	311882	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	567450	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	704190	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	769846	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	14673	4.89	ng/uL	0.00
5) Phenol-d5	6.85	99	257568	23.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	172128	27.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	222049	26.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	189543	22.34	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	111366	29.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	118496	28.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	200300	25.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	163489	18.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	624142	30.10	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	754462	30.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	37862m	12.40	ng/ul	0.04
57) Fluorene-d10	15.30	176	514478	28.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	54483	16.13	ng/ul	0.00
70) Anthracene-d10	17.15	188	751153	30.38	ng/ul	0.00
76) Pyrene-d10	19.46	212	875188	32.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	970413	30.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	54100	4.76	ng/ul	98
16) 4-Methylphenol	8.45	108	9185	1.02	ng/ul	90
28) Naphthalene	10.48	128	53459	2.15	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	54984	3.06	ng/ul	93
44) Dimethylphthalate	13.76	163	158268	7.79	ng/ul	99
69) Phenanthrene	17.10	178	195903	6.74	ng/ul	99
71) Anthracene	17.19	178	42586m	1.44	ng/ul	
74) Fluoranthene	19.12	202	345120	9.66	ng/ul	98
77) Pyrene	19.49	202	417700	12.08	ng/ul	100
80) Benzo(a)anthracene	21.24	228	276991	7.61	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	1305996	71.92	ng/ul	99
82) Chrysene	21.29	228	338027	9.66	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	505330	12.16	ng/ul#	96
86) Benzo(k)fluoranthene	22.86	252	116653m	2.93	ng/ul	
88) Benzo(a)pyrene	23.39	252	306260	7.65	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	220192	4.53	ng/ul	98
90) Dibenzo(a,h)anthracene	25.70	278	77717	1.90	ng/ul#	86
91) Benzo(g,h,i)perylene	26.40	276	285708	7.03	ng/ul	98

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

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