Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008305.D
Acq On : 14 Dec 2016 12:18
Operator : UM/SJ
Sample : H5976-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8P1

Manual Integrations APPROVED
Sohil
12/14/2016 6:58:09 PM

Quant Time: Dec 14 13:33:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 05:32:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	127729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	515008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	360416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	749185	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	934711	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	940692	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2547	0.94	ng/uL	0.00
5) Phenol-d5	6.87	99	49196	4.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	152974	26.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	157106	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	102215	13.32	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	120654	32.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	116924	28.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	199801	26.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	44191m	5.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	743547	31.03	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	841199	29.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	24698	7.00	ng/ul	0.02
57) Fluorene-d10	15.31	176	653069	31.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	118002	26.46	ng/ul	0.00
70) Anthracene-d10	17.16	188	1044863	32.01	ng/ul	0.00
76) Pyrene-d10	19.46	212	1201512	33.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1262198	31.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.51	128	28462721m	1167.52	ng/ul	
34) 2-Methylnaphthalene	12.13	142	9090209	516.02	ng/ul	99
47) Acenaphthylene	14.03	152	66267	2.30	ng/ul#	73
49) Acenaphthene	14.38	153	5127579	258.93	ng/ul	99
53) Dibenzofuran	14.72	168	4196050	145.37	ng/ul	98
58) Fluorene	15.37	166	2866878	120.93	ng/ul	99
69) Phenanthrene	17.11	178	1912121	49.80	ng/ul	99
71) Anthracene	17.20	178	127453m	3.27	ng/ul	
72) Carbazole	17.49	167	5559320	162.00	ng/ul	98
74) Fluoranthene	19.13	202	94077	2.00	ng/ul#	95

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

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