Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ37

Manual Integrations APPROVED
sohil
7/18/2016 7:40:14 PM

Quant Time: Jul 18 08:36:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	172310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	742533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	415714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	958455	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1012645	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1149835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7230	1.77	ng/uL	0.00
5) Phenol-d5	6.79	99	319161	22.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	205925	24.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	258318	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	259759	23.15	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	126741	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	138202	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	242095	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	298006	23.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	775791	22.80	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	972073	23.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	97819	16.55	ng/ul	0.00
57) Fluorene-d10	15.26	176	687411	22.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	65286	11.77	ng/ul	0.00
70) Anthracene-d10	17.12	188	1063797	23.48	ng/ul	0.00
76) Pyrene-d10	19.42	212	1167459	25.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1252672	23.82	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.45	128	41875	1.11	ng/ul	98
44) Dimethylphthalate	13.73	163	326843	9.47	ng/ul	99
47) Acenaphthylene	13.99	152	183543	4.19	ng/ul	99
49) Acenaphthene	14.33	153	52300	1.86	ng/ul	95
58) Fluorene	15.32	166	54518	1.66	ng/ul	96
69) Phenanthrene	17.06	178	692480	13.14	ng/ul	100
71) Anthracene	17.15	178	474688	8.76	ng/ul	100
74) Fluoranthene	19.08	202	2596119	42.39	ng/ul	98
77) Pyrene	19.44	202	2189969	36.22	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1572329	25.44	ng/ul	96
82) Chrysene	21.25	228	1364672	23.45	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1827019	26.59	ng/ul	98
86) Benzo(k)fluoranthene	22.80	252	616065m	9.53	ng/ul	
88) Benzo(a)pyrene	23.32	252	1397057	21.22	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	818123	10.68	ng/ul	96
90) Dibenzo(a,h)anthracene	25.61	278	224359	3.52	ng/ul#	94
91) Benzo(g,h,i)perylene	26.28	276	630266	9.31	ng/ul	99

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

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