Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K3

Manual Integrations APPROVED
apatel
7/8/2015 4:25:40 PM

Quant Time: Jul 08 06:06:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	89428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	334656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	177663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	351234	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	380860	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	396586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	4413	2.35	ng/uL	0.00
5) Phenol-d5	6.83	99	97413	14.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	53107	13.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	80454	14.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	78176	14.18	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	36406	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	43325	17.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	81384	15.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	63894	11.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	198382	15.06	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	264740	15.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	30334	12.48	ng/ul	0.00
57) Fluorene-d10	15.32	176	183318	15.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	25608	11.94	ng/ul	0.00
70) Anthracene-d10	17.17	188	255669	15.63	ng/ul	0.00
78) Pyrene-d10	19.47	212	264493	16.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	271450	15.53	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.49	105	10341	1.18	ng/ul	94
28) Naphthalene	10.50	128	153954	9.11	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	47728	3.91	ng/ul	97
44) Dimethylphthalate	13.78	163	43995	3.06	ng/ul	99
47) Acenaphthylene	14.04	152	299828	17.03	ng/ul	99
53) Dibenzofuran	14.72	168	24362	1.45	ng/ul	94
58) Fluorene	15.37	166	27755	1.98	ng/ul	92
69) Phenanthrene	17.11	178	392767	20.62	ng/ul	97
71) Anthracene	17.20	178	163263	8.35	ng/ul	99
74) Carbazole	17.47	167	19068	1.11	ng/ul	95
76) Fluoranthene	19.13	202	862917	37.88	ng/ul	100
79) Pyrene	19.50	202	1299539	61.50	ng/ul	99
82) Benzo(a)anthracene	21.25	228	697766	31.36	ng/ul	93
84) Chrysene	21.30	228	673852	31.95	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	1169864	50.67	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	435434m	19.52	ng/ul	
90) Benzo(a)pyrene	23.40	252	734608	32.71	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.76	276	854831m	32.10	ng/ul	
92) Dibenzo(a,h)anthracene	25.76	278	190311	8.47	ng/ul#	89
93) Benzo(g,h,i)perylene	26.46	276	805674	35.98	ng/ul	97

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

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