Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001874.D
Acq On : 07 Jul 2015 21:34
Operator : TP/UM
Sample : G2861-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K7

Manual Integrations APPROVED
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7/8/2015 4:25:54 PM

Quant Time: Jul 08 06:25:25 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	7.67	152	64321	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	247469	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	139971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	311047	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	367978	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	385489	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	3358	2.49	ng/uL	0.00
5) Phenol-d5	6.83	99	69888	14.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41035	14.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	59193	15.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	45420	11.45	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	27410	16.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	32001	17.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	60792	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	41277	10.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	164878	15.89	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	210049	15.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	20974	10.95	ng/ul	0.00
57) Fluorene-d10	15.32	176	148232	15.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	17108	9.00	ng/ul	0.00
70) Anthracene-d10	17.17	188	222539	15.36	ng/ul	0.00
78) Pyrene-d10	19.47	212	231410	14.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	204003	12.01	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.49	105	13652	2.17	ng/ul	87
28) Naphthalene	10.50	128	27459	2.20	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	27344	3.03	ng/ul	96
44) Dimethylphthalate	13.78	163	66374	5.85	ng/ul	99
47) Acenaphthylene	14.04	152	73093	5.27	ng/ul	98
58) Fluorene	15.37	166	11224	1.02	ng/ul#	91
69) Phenanthrene	17.12	178	414694	24.59	ng/ul	99
71) Anthracene	17.20	178	101330	5.85	ng/ul	99
74) Carbazole	17.48	167	22924	1.51	ng/ul#	96
76) Fluoranthene	19.14	202	817112	40.51	ng/ul	99
79) Pyrene	19.50	202	1271636	62.29	ng/ul	99
82) Benzo(a)anthracene	21.25	228	684276	31.83	ng/ul	95
84) Chrysene	21.30	228	732403	35.94	ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	770336	34.33	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	203769m	9.40	ng/ul	
90) Benzo(a)pyrene	23.41	252	624929	28.63	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	417225	16.12	ng/ul	97
92) Dibenzo(a,h)anthracene	25.76	278	134728	6.17	ng/ul#	90
93) Benzo(g,h,i)perylene	26.46	276	429099	19.71	ng/ul	98

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

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