Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002133.D
Acq On : 30 Jul 2015 13:00
Operator : TP/UM
Sample : G3030-15RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02F0RE

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:53:20 AM

Quant Time: Aug 10 12:49:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	137581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	571030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	320937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	606157	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	609280	20.00	ng/ul	0.02
86) Perylene-d12	23.43	264	584169	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	7817	2.94	ng/uL	0.00
5) Phenol-d5	6.77	99	188096	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	104863	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	162359	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	141159	18.05	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	80743	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	94613	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	169230	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	81316	8.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	494499	21.04	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	531022	18.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	48489	12.36	ng/ul	0.00
58) Fluorene-d10	15.25	176	343597	16.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	48156	12.99	ng/ul	0.01
71) Anthracene-d10	17.11	188	450513	16.65	ng/ul	0.00
79) Pyrene-d10	19.42	212	417291	16.27	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.29	264	411100	14.52	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.79	94	10294	1.02	ng/ul#	84
14) Acetophenone	8.41	105	25929	2.09	ng/ul	97
28) Naphthalene	10.43	128	160712	5.92	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	117418	5.95	ng/ul	97
41) 1,1'-Biphenyl	13.07	154	56576	2.29	ng/ul	98
45) Dimethylphthalate	13.72	163	260886	11.12	ng/ul	99
48) Acenaphthylene	13.97	152	302305	9.97	ng/ul	98
50) Acenaphthene	14.32	153	377942	19.01	ng/ul	99
54) Dibenzofuran	14.66	168	349407	12.25	ng/ul	98
59) Fluorene	15.31	166	758752	32.20	ng/ul	98
70) Phenanthrene	17.07	178	8553729	272.44	ng/ul	96
72) Anthracene	17.15	178	2061359	64.22	ng/ul	99
75) Carbazole	17.42	167	271502	9.90	ng/ul	98
76) Di-n-butylphthalate	17.97	149	57139	1.75	ng/ul#	95
77) Fluoranthene	19.10	202	8392348m	231.50	ng/ul	
80) Pyrene	19.47	202	8794667	265.27	ng/ul#	93
83) Benzo(a)anthracene	21.21	228	4257071	126.04	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.13	149	113073	5.83	ng/ul	96
85) Chrysene	21.27	228	3734337	118.18	ng/ul	95
88) Benzo(b)fluoranthene	22.77	252	3680181	112.11	ng/ul	96
89) Benzo(k)fluoranthene	22.81	252	1091752m	34.47	ng/ul	
91) Benzo(a)pyrene	23.34	252	2896188	91.41	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	1509793	41.35	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.65	278	466627	14.93	ng/ul#	92
94) Benzo(g,h,i)perylene	26.34	276	1282104	41.89	ng/ul	98

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

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