Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002144.D
Acq On : 30 Jul 2015 19:47
Operator : TP/UM
Sample : G3035-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02D9DL

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:54:20 AM

Quant Time: Jul 31 04:43:20 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	7.60	152	76158	20.00	ng/ul	0.02
18) Naphthalene-d8	10.39	136	330804	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	208700	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.03	188	458368	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	414072	20.00	ng/ul	0.02
86) Perylene-d12	23.44	264	363968	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.79	99	14178	2.60	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	7957	2.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.14	132	12386	2.68	ng/ul	0.02
13) 4-Methylphenol-d8	8.33	113	12585	2.91	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	6122	2.60	ng/ul	0.01
22) 2-Nitrophenol-d4	9.49	143	6280	2.40	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	13847	2.75	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.68	166	42134	2.76	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	49558	2.59	ng/ul	0.02
52) 4-Nitrophenol-d4	14.52	143	5592	2.19	ng/ul	0.05
58) Fluorene-d10	15.27	176	36871	2.74	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.12	188	52816	2.58	ng/ul	0.02
79) Pyrene-d10	19.43	212	50590	2.90	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.30	264	37943	2.15	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.45	128	357860	22.77	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	240873	21.07	ng/ul	98
35) 1-Methylnaphthalene	12.29	142	118009	10.73	ng/ul	100
41) 1,1'-Biphenyl	13.09	154	68990	4.29	ng/ul	98
50) Acenaphthene	14.34	153	337912	26.14	ng/ul	98
54) Dibenzofuran	14.67	168	352502	19.01	ng/ul	99
59) Fluorene	15.33	166	374453	24.43	ng/ul	100
70) Phenanthrene	17.07	178	1726500	72.72	ng/ul	99
72) Anthracene	17.16	178	168683	6.95	ng/ul	98
75) Carbazole	17.43	167	75644	3.65	ng/ul	99
77) Fluoranthene	19.10	202	914029	33.34	ng/ul	99
80) Pyrene	19.46	202	581967	25.83	ng/ul	99
83) Benzo(a)anthracene	21.21	228	149507	6.51	ng/ul	95
85) Chrysene	21.26	228	127134m	5.92	ng/ul	
88) Benzo(b)fluoranthene	22.77	252	80906	3.96	ng/ul#	83
91) Benzo(a)pyrene	23.34	252	46974	2.38	ng/ul#	73

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

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