Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010641.D
Acq On : 22 Jun 2017 02:03
Operator : SJ/JU
Sample : I3625-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E17

Manual Integrations APPROVED
mohammad
6/22/2017 5:33:19 PM

Quant Time: Jun 22 04:15:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	56620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	271150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	189981	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	495018	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	614173	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	516625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	5351	5.42	ng/uL	0.00
5) Phenol-d5	6.65	99	127002	23.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	74615	24.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	99147	26.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	112160	25.08	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	55186	28.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	65960	29.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	125051	26.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	131873	26.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	497878	29.85	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	553531	28.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	74429	25.36	ng/ul	0.00
57) Fluorene-d10	15.12	176	420583	29.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	85901	28.25	ng/ul	0.00
70) Anthracene-d10	16.97	188	701750m	29.36	ng/ul	0.00
76) Pyrene-d10	19.28	212	813109	28.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	727036	29.12	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	70667	12.720	ng/ul	98
11) 2-Methylphenol	7.90	108	23969	5.661	ng/ul	99
16) 4-Methylphenol	8.23	108	69599	14.939	ng/ul	100
24) 2,4-Dimethylphenol	9.42	107	37541	6.244	ng/ul	98
28) Naphthalene	10.27	128	576786	42.745	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	135161	12.461	ng/ul	98
40) 1,1'-Biphenyl	12.94	154	38380	2.584	ng/ul#	93
44) Dimethylphthalate	13.59	163	136561	8.354	ng/ul	96
49) Acenaphthene	14.18	153	138858	11.141	ng/ul	97
53) Dibenzofuran	14.52	168	158455	8.395	ng/ul#	86
58) Fluorene	15.17	166	158011	9.999	ng/ul	98
69) Phenanthrene	16.91	178	712310	27.067	ng/ul	98
71) Anthracene	17.00	178	88904	3.279	ng/ul	99
72) Carbazole	17.27	167	75869	3.207	ng/ul	98
74) Fluoranthene	18.94	202	463652	13.670	ng/ul#	97
77) Pyrene	19.31	202	302308	8.522	ng/ul	99
80) Benzo(a)anthracene	21.07	228	98240	2.747	ng/ul	98
82) Chrysene	21.12	228	71548	2.244	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	46268	1.380	ng/ul#	98

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

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