Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005983.D
Acq On : 25 Jun 2016 01:37
Operator : UM/SJ
Sample : H3612-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z31

Manual Integrations APPROVED
umangi
6/27/2016 4:40:27 PM

Quant Time: Jun 25 07:14:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	294549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1320499	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	717998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1547046	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1476364	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1558375	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	11569	1.56	ng/uL	0.00
5) Phenol-d5	6.83	99	550070	21.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	333503	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	413490	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	418373	21.05	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	204184	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	227819	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	416869	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	313023	14.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1220476	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1566134	21.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	203774	18.27	ng/ul	0.00
57) Fluorene-d10	15.30	176	1071753	21.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	161008	20.89	ng/ul	0.00
70) Anthracene-d10	17.16	188	1572050	22.31	ng/ul	0.00
76) Pyrene-d10	19.45	212	1652750	24.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1643075	23.40	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.47	105	60218	1.97	ng/ul	98
44) Dimethylphthalate	13.77	163	993813	17.26	ng/ul	100
47) Acenaphthylene	14.03	152	103522	1.37	ng/ul	99
49) Acenaphthene	14.37	153	94851	1.98	ng/ul	99
53) Dibenzofuran	14.71	168	119091	1.72	ng/ul	99
58) Fluorene	15.36	166	91943	1.71	ng/ul	94
69) Phenanthrene	17.10	178	2976852	35.45	ng/ul	99
71) Anthracene	17.19	178	411735	4.80	ng/ul	100
72) Carbazole	17.46	167	416465	5.64	ng/ul	99
74) Fluoranthene	19.12	202	4889503	53.09	ng/ul	97
77) Pyrene	19.49	202	4020523	44.53	ng/ul	98
80) Benzo(a)anthracene	21.23	228	1822827	20.81	ng/ul	98
82) Chrysene	21.29	228	2405594	29.76	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	3357818	35.47	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	982881m	11.41	ng/ul	
88) Benzo(a)pyrene	23.37	252	1728818	19.66	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.69	276	1400506	14.28	ng/ul	97
90) Dibenzo(a,h)anthracene	25.69	278	357907	4.42	ng/ul#	82
91) Benzo(g,h,i)perylene	26.36	276	1222008	14.45	ng/ul	96

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

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