Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\
Data File : BM005101.D
Acq On : 27 Apr 2016 17:39
Operator : UM/SJ
Sample : H2584-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Manual Integrations APPROVED
sohil
4/28/2016 1:41:31 PM

Quant Time: Apr 28 11:24:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 28 04:13:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	76541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	294199	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.44	164	206720	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	464891	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	483177	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	380277	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	2377	1.58	ng/uL	0.00
5) Phenol-d5	6.97	99	53819	8.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	113648	31.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	131855	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	97909	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	81135	39.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	91516	40.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	159086	36.84	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	33440m	6.61	ng/ul	0.05
43) Dimethylphthalate-d6	13.85	166	536849	32.88	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	637069	32.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	28890m	10.12	ng/ul	0.00
57) Fluorene-d10	15.43	176	460983	32.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	80097	30.29	ng/ul	0.00
70) Anthracene-d10	17.29	188	712829	34.19	ng/ul	0.00
76) Pyrene-d10	19.58	212	789838	35.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	566810	33.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	7552	1.14	ng/ul	97
11) 2-Methylphenol	8.25	108	8878	1.72	ng/ul	95
16) 4-Methylphenol	8.56	108	22145	3.86	ng/ul	95
28) Naphthalene	10.72	128	15915496	1072.61	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	1228384	111.84	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	213274	13.04	ng/ul	99
47) Acenaphthylene	14.16	152	163659	7.96	ng/ul	98
49) Acenaphthene	14.50	153	774289	57.21	ng/ul	99
53) Dibenzofuran	14.84	168	817789	40.97	ng/ul	99
58) Fluorene	15.49	166	736539	47.53	ng/ul	99
69) Phenanthrene	17.23	178	1339216	54.13	ng/ul	99
71) Anthracene	17.32	178	298305	11.96	ng/ul	99
72) Carbazole	17.59	167	609563	28.50	ng/ul	99
74) Fluoranthene	19.24	202	324560	11.92	ng/ul	100
77) Pyrene	19.61	202	195399	7.00	ng/ul	99

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

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