Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005163.D
Acq On : 30 Apr 2016 04:10
Operator : UM/SJ
Sample : H2729-02 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0

Manual Integrations APPROVED
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5/2/2016 8:51:54 AM

Quant Time: May 01 03:21:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	43617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	207012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	125352	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	281909	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	228428	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	209761	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	2717	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	1691	0.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	2212	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	2116	0.69	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	590	0.41	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.20	165	2080	0.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2921m	0.82	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	9386	0.95	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	11269	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.42	176	10179	1.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.27	188	14698	1.16	ng/ul	0.00
76) Pyrene-d10	19.57	212	14341	1.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	11220	1.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	5061	1.35	ng/ul	99
16) 4-Methylphenol	8.56	108	5986	1.83	ng/ul	89
28) Naphthalene	10.62	128	350618	33.58	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	82339	10.65	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	30954	3.12	ng/ul	98
47) Acenaphthylene	14.14	152	188813	15.14	ng/ul	99
49) Acenaphthene	14.49	153	68098	8.30	ng/ul	99
53) Dibenzofuran	14.83	168	203975	16.85	ng/ul	99
58) Fluorene	15.47	166	200805	21.37	ng/ul	100
69) Phenanthrene	17.23	178	1632400	108.81	ng/ul	98
71) Anthracene	17.31	178	517183	34.19	ng/ul	99
72) Carbazole	17.58	167	186155	14.35	ng/ul	98
74) Fluoranthene	19.24	202	1904916	115.37	ng/ul	96
77) Pyrene	19.61	202	1731773	131.24	ng/ul	97
80) Benzo(a)anthracene	21.35	228	818569	62.61	ng/ul	97
82) Chrysene	21.40	228	729692	58.32	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	779933	61.73	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	261123m	21.25	ng/ul	
88) Benzo(a)pyrene	23.55	252	599991	50.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	345743	30.71	ng/ul	96
90) Dibenzo(a,h)anthracene	25.95	278	80329	8.54	ng/ul#	81
91) Benzo(g,h,i)perylene	26.66	276	301329	32.72	ng/ul	99

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

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