Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005240.D
Acq On : 05 May 2016 18:26
Operator : UM/SJ
Sample : H2729-02ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0ME

Manual Integrations APPROVED
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5/6/2016 7:15:09 PM

Quant Time: May 07 07:27:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	91959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	460255	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	294928	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	703620	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	680560	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	707068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	4018	2.05	ng/uL	0.00
5) Phenol-d5	6.95	99	98962	11.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	59224	12.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	76492	12.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	82601	11.98	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	37749	11.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	43502	11.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	83582	12.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	78468	9.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	294967	12.48	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	352595	12.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	41214m	9.55	ng/ul	0.00
57) Fluorene-d10	15.41	176	270391	13.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	40238	10.17	ng/ul	0.00
70) Anthracene-d10	17.27	188	433723	13.94	ng/ul	0.00
76) Pyrene-d10	19.57	212	468961	14.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	444498	14.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.61	128	163598	7.06	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	49641	2.87	ng/ul	98
40) 1,1'-Biphenyl	13.24	154	27501	1.18	ng/ul	96
47) Acenaphthylene	14.14	152	203902	6.95	ng/ul	99
49) Acenaphthene	14.48	153	99014	5.12	ng/ul	99
53) Dibenzofuran	14.82	168	197125	7.03	ng/ul	99
58) Fluorene	15.47	166	226852	10.34	ng/ul	99
69) Phenanthrene	17.22	178	2594396	70.13	ng/ul	99
71) Anthracene	17.30	178	844766	22.90	ng/ul	99
72) Carbazole	17.57	167	231388	7.13	ng/ul	99
74) Fluoranthene	19.24	202	3602482	87.89	ng/ul	96
77) Pyrene	19.60	202	3310466	83.87	ng/ul	97
80) Benzo(a)anthracene	21.35	228	1736454	44.36	ng/ul	97
82) Chrysene	21.40	228	1596064	42.98	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1946420	47.09	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	662758m	17.03	ng/ul	
88) Benzo(a)pyrene	23.55	252	1466431	37.51	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.94	276	795145	18.64	ng/ul	94
90) Dibenzo(a,h)anthracene	25.94	278	192938	5.41	ng/ul#	81
91) Benzo(g,h,i)perylene	26.66	276	678215	18.77	ng/ul	99

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

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