

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005604.D
 Acq On : 23 May 2016 01:42
 Operator : UM/SJ
 Sample : H3086-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGL2

Manual Integrations
 APPROVED

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 5/23/2016 8:36:07 PM

Quant Time: May 23 08:04:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	152352	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	680102	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	386524	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	861412	20.00	ng/ul	0.02
75) Chrysene-d12	21.38	240	766022	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	742475	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	10743	3.09	ng/uL	0.00
5) Phenol-d5	7.00	99	298081	23.87	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	176106	24.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	240259	23.06	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	257252	25.14	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	122883	23.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	132660	23.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	259132	24.04	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	309731	28.69	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	788739	25.00	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1040662	26.38	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	129842	21.76	ng/ul	0.02
57) Fluorene-d10	15.45	176	719314	26.20	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	24014	4.85	ng/ul	0.03
70) Anthracene-d10	17.30	188	1128920	27.51	ng/ul	0.02
76) Pyrene-d10	19.60	212	1185003	34.16	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	939901	27.11	ng/ul	0.03

Target Compounds

					Qvalue
6) Phenol	7.03	94	14774	1.15 ng/ul	97
16) 4-Methylphenol	8.60	108	11013	1.04 ng/ul	86
28) Naphthalene	10.66	128	466049	13.64 ng/ul	100
34) 2-Methylnaphthalene	12.27	142	149202	5.97 ng/ul	100
40) 1,1'-Biphenyl	13.29	154	103597	3.19 ng/ul	98
44) Dimethylphthalate	13.91	163	222273	7.13 ng/ul	100
47) Acenaphthylene	14.18	152	889662	22.20 ng/ul	97
49) Acenaphthene	14.52	153	199771	7.56 ng/ul	98
53) Dibenzofuran	14.86	168	276990	7.34 ng/ul	97
58) Fluorene	15.51	166	629433	20.84 ng/ul	99
69) Phenanthrene	17.25	178	5186988	107.74 ng/ul	98
71) Anthracene	17.34	178	1465275	29.86 ng/ul	100
72) Carbazole	17.60	167	159142	3.74 ng/ul#	92
74) Fluoranthene	19.27	202	6467001	119.34 ng/ul	100
77) Pyrene	19.63	202	6950666	157.84 ng/ul	99
80) Benzo(a)anthracene	21.37	228	2297318	51.02 ng/ul#	87
82) Chrysene	21.42	228	2413184	56.33 ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	2111512	48.22 ng/ul#	94
86) Benzo(k)fluoranthene	23.02	252	709363m	17.11 ng/ul	
88) Benzo(a)pyrene	23.58	252	2014982	47.43 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.00	276	1123190	22.26 ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	266071	6.33 ng/ul#	84
91) Benzo(g,h,i)perylene	26.72	276	1114599	26.27 ng/ul	96

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

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