

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005512.D
 Acq On : 19 May 2016 23:43
 Operator : UM/SJ
 Sample : H2890-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT5

Manual Integrations
 APPROVED

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 5/20/2016 7:18:22 PM

Quant Time: May 20 11:16:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	226362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1126180	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	783607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1962057	20.00	ng/ul	0.01
75) Chrysene-d12	21.40	240	2720413	20.00	ng/ul	0.02
83) Perylene-d12	23.70	264	2602095	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	8143	1.38	ng/uL	0.00
5) Phenol-d5	6.99	99	271591	12.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	167797	14.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	228153	13.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	244612	13.21	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	130596	16.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	145304	16.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	253706	14.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	57927	2.87	ng/ul	-0.02
43) Dimethylphthalate-d6	13.88	166	889837	13.81	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1153162	15.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	11782	0.89	ng/ul	-0.02
57) Fluorene-d10	15.46	176	873736	15.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	145543	14.07	ng/ul	0.02
70) Anthracene-d10	17.32	188	1416169	15.69	ng/ul	0.01
76) Pyrene-d10	19.60	212	1750382	16.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1626799	13.98	ng/ul	0.04

Target Compounds

						Qvalue
11) 2-Methylphenol	8.27	108	42354	2.38	ng/ul	97
14) Acetophenone	8.64	105	385816	13.69	ng/ul#	51
16) 4-Methylphenol	8.59	108	35317	1.77	ng/ul	96
24) 2,4-Dimethylphenol	9.80	107	61497	2.89	ng/ul#	74
28) Naphthalene	10.69	128	6717208	117.48	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	6997638	155.62	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	862421	13.73	ng/ul	98
44) Dimethylphthalate	13.93	163	346740	5.28	ng/ul	99
49) Acenaphthene	14.53	153	56922	1.06	ng/ul#	81
53) Dibenzofuran	14.87	168	2735925	34.86	ng/ul	91
58) Fluorene	15.52	166	175292	2.70	ng/ul#	16
69) Phenanthrene	17.26	178	7150655	64.07	ng/ul	98
71) Anthracene	17.34	178	388909m	3.52	ng/ul	
72) Carbazole	17.62	167	424956	4.25	ng/ul#	82
74) Fluoranthene	19.27	202	1999527	15.32	ng/ul#	94
77) Pyrene	19.63	202	2122470	14.56	ng/ul#	93
80) Benzo(a)anthracene	21.39	228	1458312	9.12	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.31	149	111538	1.20	ng/ul#	60
82) Chrysene	21.43	228	2036083	13.47	ng/ul#	88
85) Benzo(b)fluoranthene	23.01	252	1402874m	9.42	ng/ul	
86) Benzo(k)fluoranthene	23.04	252	368740m	2.55	ng/ul	
88) Benzo(a)pyrene	23.60	252	710451	4.80	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.03	276	424220	2.18	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	26.03	278	184679	1.14	ng/ul#	51
91) Benzo(g,h,i)perylene	26.74	276	576711	3.42	ng/ul	94

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

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