

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012769.D
 Acq On : 06 Nov 2017 09:21
 Operator : SJ/JU
 Sample : I5902-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-12(0-1)-101317

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:35:08 PM

Quant Time: Nov 07 03:47:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	134846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	565856	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	362015	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	818048	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	655443	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	740640	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12538	5.02	ng/uL	0.00
5) Phenol-d5	7.00	99	295013	29.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	156445	28.77	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	256936	30.74	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	246031	28.41	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	127425	30.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	137807	28.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	288914	29.46	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	206677	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	891633	29.76	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1136884	30.68	ng/ul	0.01
51) 4-Nitrophenol-d4	14.68	143	124055	25.84	ng/ul	0.02
57) Fluorene-d10	15.45	176	805444	31.39	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	21454	3.97	ng/ul	0.02
70) Anthracene-d10	17.30	188	1186838	30.03	ng/ul	0.01
78) Pyrene-d10	19.60	212	1082909	35.61	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1090753	31.15	ng/ul	0.03
Target Compounds						
6) Phenol	7.03	94	56274	5.464	ng/ul	97
28) Naphthalene	10.66	128	106989	3.782	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	39139	1.810	ng/ul	97
44) Dimethylphthalate	13.91	163	514186	17.297	ng/ul	99
60) 4-Nitroaniline	15.53	138	44611	7.638	ng/ul	97
69) Phenanthrene	17.24	178	368869	8.250	ng/ul	98
71) Anthracene	17.33	178	70866m	1.529	ng/ul	
76) Fluoranthene	19.26	202	603305	11.228	ng/ul#	94
79) Pyrene	19.63	202	504624	12.904	ng/ul#	91
82) Benzo(a)anthracene	21.37	228	308272	7.772	ng/ul#	95
83) Bis(2-ethylhexyl)phthalate	21.29	149	27946	1.345	ng/ul#	84
84) Chrysene	21.42	228	374112	10.408	ng/ul#	94
87) Benzo(b)fluoranthene	22.99	252	554587	12.253	ng/ul	97
88) Benzo(k)fluoranthene	23.03	252	193086m	4.488	ng/ul	
90) Benzo(a)pyrene	23.58	252	363284	8.435	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.01	276	325533	6.272	ng/ul#	86
92) Dibenzo(a,h)anthracene	26.00	278	90680	2.064	ng/ul#	65
93) Benzo(g,h,i)perylene	26.72	276	292095	6.829	ng/ul#	90

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

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