

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018154.D
 Acq On : 28 Jul 2015 19:47
 Operator : TP/UM
 Sample : G3048-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 29 02:28:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	49920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	223024	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	132785	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	267206	20.00	ng/ul	0.01
78) Chrysene-d12	21.15	240	299468	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	311911	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	1589	1.99	ng/uL	0.00
5) Phenol-d5	6.70	99	42024	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21594	11.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	43095	12.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	28611	8.38	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	23330	13.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	25465	13.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	40716	12.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	17771	4.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	121469	13.03	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	151497	13.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	9633	4.91	ng/ul	0.00
58) Fluorene-d10	15.18	176	110989	12.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	6238	3.65	ng/ul	0.00
71) Anthracene-d10	17.04	188	151441	13.09	ng/ul	0.00
79) Pyrene-d10	19.35	212	161062	11.74	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.21	264	171264	11.51	ng/ul	0.01

Target Compounds

						Qvalue
28) Naphthalene	10.34	128	29217	2.80	ng/ul#	96
34) 2-Methylnaphthalene	11.97	142	16229	2.06	ng/ul	90
35) 1-Methylnaphthalene	12.19	142	12748	1.66	ng/ul	99
45) Dimethylphthalate	13.65	163	54998	5.86	ng/ul	99
48) Acenaphthylene	13.90	152	12300	1.02	ng/ul#	70
50) Acenaphthene	14.25	153	26228	3.33	ng/ul	96
54) Dibenzofuran	14.58	168	24209	2.16	ng/ul	90
59) Fluorene	15.24	166	42241	4.38	ng/ul	98
70) Phenanthrene	16.99	178	513984	38.28	ng/ul	99
72) Anthracene	17.07	178	107047	7.85	ng/ul	97
75) Carbazole	17.35	167	30470	2.58	ng/ul#	79
76) Di-n-butylphthalate	17.93	149	32852	2.11	ng/ul#	86
77) Fluoranthene	19.02	202	685384	47.92	ng/ul	96
80) Pyrene	19.38	202	685208	39.96	ng/ul	97
83) Benzo(a)anthracene	21.14	228	373364	23.57	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	21669	2.16	ng/ul#	86
85) Chrysene	21.19	228	381790m	25.60	ng/ul	
88) Benzo(b)fluoranthene	22.70	252	470770	27.55	ng/ul	97
89) Benzo(k)fluoranthene	22.73	252	149945m	9.07	ng/ul	
91) Benzo(a)pyrene	23.25	252	336049	20.31	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	223239	11.69	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.58	278	68353	4.19	ng/ul#	88
94) Benzo(g,h,i)perylene	26.25	276	210328	13.33	ng/ul	95

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

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