

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018225.D
 Acq On : 2 Aug 2015 14:40
 Operator : TP
 Sample : G3065-15RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02H4RE

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:19:16 PM

Quant Time: Aug 03 08:53:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	141167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	570313	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	289685	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	520699m	20.00	ng/ul	0.01
78) Chrysene-d12	21.15	240	852528	20.00	ng/ul	0.03
86) Perylene-d12	23.36	264	928884	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	2746	1.47	ng/uL	0.00
5) Phenol-d5	6.68	99	128693	10.14	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.82	67	70023	10.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	115256	12.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	64210	6.21	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	64937m	14.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.35	143	73580	14.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	108550	11.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	18684	1.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	309063	13.81	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	342708	13.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	16923	4.08	ng/ul	0.00
58) Fluorene-d10	15.16	176	236804	11.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	9011m	2.48	ng/ul	0.00
71) Anthracene-d10	17.02	188	294406	13.00	ng/ul	0.01
79) Pyrene-d10	19.34	212	373489	9.06	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.21	264	566260	12.05	ng/ul	0.06

Target Compounds

					Qvalue	
28) Naphthalene	10.31	128	124466	4.53	ng/ul	99
34) 2-Methylnaphthalene	11.94	142	112805	5.19	ng/ul	94
35) 1-Methylnaphthalene	12.17	142	63685	3.05	ng/ul#	100
45) Dimethylphthalate	13.62	163	53013	2.38	ng/ul	98
50) Acenaphthene	14.22	153	29695	1.77	ng/ul	97
54) Dibenzofuran	14.56	168	32170	1.27	ng/ul#	80
59) Fluorene	15.21	166	41590	1.91	ng/ul#	93
70) Phenanthrene	16.96	178	319707	12.09	ng/ul	99
72) Anthracene	17.05	178	108091m	4.11	ng/ul	
75) Carbazole	17.33	167	32919m	1.51	ng/ul	
76) Di-n-butylphthalate	17.90	149	57962m	1.99	ng/ul	
77) Fluoranthene	19.00	202	710164m	24.44	ng/ul	
80) Pyrene	19.37	202	706100	13.65	ng/ul#	92
81) Butylbenzylphthalate	20.28	149	130444	6.21	ng/ul#	75
83) Benzo(a)anthracene	21.13	228	463285	10.09	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.06	149	1334198	47.08	ng/ul#	91
85) Chrysene	21.18	228	517238	12.30	ng/ul#	91
88) Benzo(b)fluoranthene	22.69	252	828635	14.85	ng/ul#	85
89) Benzo(k)fluoranthene	22.73	252	257366m	5.02	ng/ul	
91) Benzo(a)pyrene	23.26	252	535819	10.73	ng/ul#	82
92) Indeno(1,2,3-cd)pyrene	25.59	276	334489	5.79	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.59	278	85394	1.73	ng/ul#	57
94) Benzo(g,h,i)perylene	26.28	276	295301m	6.26	ng/ul	

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

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