

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080515\
 Data File : BM002245.D
 Acq On : 05 Aug 2015 22:47
 Operator : TP/UM
 Sample : G3095-05RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C01R4RX

Quant Time: Aug 06 06:09:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 01:44:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	40339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	175584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	114687	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	268500	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	305924	20.00	ng/ul	0.01
86) Perylene-d12	23.36	264	258005	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	2073	2.92	ng/uL	0.00
5) Phenol-d5	6.72	99	55884m	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	30363	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	49601	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	43725	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	24566	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	28720m	19.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	54337m	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	41812	13.15	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	181166	21.72	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	225404	21.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	20303	18.78	ng/ul	0.02
58) Fluorene-d10	15.19	176	167525	22.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	2423	1.57	ng/ul	0.01
71) Anthracene-d10	17.05	188	266816	22.33	ng/ul	0.00
79) Pyrene-d10	19.36	212	308515	21.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	274217	21.89	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	6.76	94	5285m	1.74	ng/ul	
14) Acetophenone	8.35	105	4970	1.26	ng/ul	99
16) 4-Methylphenol	8.33	108	4192	1.59	ng/ul	85
28) Naphthalene	10.35	128	48621	5.85	ng/ul#	96
34) 2-Methylnaphthalene	11.98	142	24006m	3.76	ng/ul	
35) 1-Methylnaphthalene	12.20	142	13872m	2.27	ng/ul	
45) Dimethylphthalate	13.65	163	105767	12.71	ng/ul	98
48) Acenaphthylene	13.91	152	28960	2.69	ng/ul	98
50) Acenaphthene	14.26	153	30599	4.36	ng/ul	98
54) Dibenzofuran	14.60	168	32976	3.24	ng/ul	93
57) Diethylphthalate	15.02	149	14016	1.75	ng/ul	98
59) Fluorene	15.25	166	44197	5.28	ng/ul	98
70) Phenanthrene	16.99	178	706832	51.27	ng/ul	100
72) Anthracene	17.09	178	193060	13.70	ng/ul	99
75) Carbazole	17.37	167	102393	8.72	ng/ul	98
76) Di-n-butylphthalate	17.92	149	225854	16.27	ng/ul	98
77) Fluoranthene	19.03	202	1418659	94.02	ng/ul	100
80) Pyrene	19.39	202	1216984	64.72	ng/ul	98
81) Butylbenzylphthalate	20.29	149	118172	17.43	ng/ul	92
83) Benzo(a)anthracene	21.15	228	673990	39.33	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	507476	52.62	ng/ul	99
85) Chrysene	21.20	228	691899	43.85	ng/ul	96
88) Benzo(b)fluoranthene	22.71	252	938944	64.59	ng/ul#	95

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89) Benzo(k)fluoranthene	22.74	252	315739m	22.43	ng/ul	
91) Benzo(a)pyrene	23.27	252	605074	43.58	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.57	276	424976	27.16	ng/ul	96
93) Dibenzo(a,h)anthracene	25.56	278	112713	8.45	ng/ul#	80
94) Benzo(g,h,i)perylene	26.26	276	394823	30.30	ng/ul	99

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

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