

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019911.D
 Acq On : 4 Dec 2015 19:08
 Operator : UM/NP
 Sample : G4221-15DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: Dec 04 23:50:05 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29649	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	131520	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	94210	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	234144	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	274734	20.00	ng	-0.03
86) Perylene-d12	25.05	264	266719	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	52386	31.93	ng	-0.01
7) Phenol-d6	7.26	99	83079	33.54	ng	-0.01
23) Nitrobenzene-d5	9.28	82	56906	22.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	41141	28.54	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	145257	21.05	ng	-0.02
78) Terphenyl-d14	20.09	244	252052	22.38	ng	-0.02

Target Compounds				Qvalue		
8) 2-Chlorophenol	7.68	128	24305	12.15	ng	99
10) Phenol	7.28	94	47142	18.08	ng	84
12) 1,3-Dichlorobenzene	8.01	146	77391	34.13	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	29031	12.40	ng	95
17) 2-Methylphenol	8.55	107	4768	2.59	ng	# 83
18) Hexachloroethane	9.21	117	21536	24.56	ng	91
24) Nitrobenzene	9.33	77	97227	34.78	ng	92
25) Isophorone	9.85	82	222128	40.20	ng	97
29) 2,4-Dichlorophenol	10.57	162	42853	18.66	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	74170	28.57	ng	95
31) Naphthalene	10.99	128	235987	33.49	ng	99
34) Hexachlorobutadiene	11.27	225	63665	33.25	ng	99
36) 4-Chloro-3-methylphenol	12.19	107	97890	34.22	ng	93
37) 2-Methylnaphthalene	12.58	142	123989	24.01	ng	93
42) 2,4,6-Trichlorophenol	13.18	196	37856	15.99	ng	98
43) 2,4,5-Trichlorophenol	13.25	196	59820	23.91	ng	96
48) Acenaphthylene	14.47	152	217284	21.41	ng	99
49) Dimethylphthalate	14.19	163	323943	38.23	ng	98
51) Acenaphthene	14.81	154	78907	12.81	ng	97
54) Dibenzofuran	15.15	168	390473	42.61	ng	94
55) 4-Nitrophenol	14.93	139	36862	25.57	ng	# 63
57) Fluorene	15.79	166	240074	29.27	ng	98
59) Diethylphthalate	15.55	149	284494	31.02	ng	96
66) 4-Bromophenyl-phenylether	16.68	248	55511	19.08	ng	94
70) Phenanthrene	17.53	178	264162	19.94	ng	96
72) Carbazole	17.88	167	60509	5.09	ng	97
73) Di-n-butylphthalate	18.44	149	140714	9.66	ng	99
74) Fluoranthene	19.53	202	329345	19.44	ng	95
80) Benzo(a)anthracene	21.74	228	367585	21.86	ng	97
82) Chrysene	21.81	228	337584	21.14	ng	94
83) Bis(2-ethylhexyl)phthalate	21.65	149	226753	24.39	ng	95
84) Di-n-octyl phthalate	22.89	149	362834	24.00	ng	# 94
87) Benzo(b)fluoranthene	24.00	252	342721	20.27	ng	# 95
90) Dibenzo(a,h)anthracene	28.88	278	414031	26.11	ng	# 94

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

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