

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019910.D
 Acq On : 4 Dec 2015 18:23
 Operator : UM/NP
 Sample : G4221-15
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: Dec 04 23:50:40 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	32223	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	142019	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	101369	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	247462	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	288853	20.00	ng	-0.02
86) Perylene-d12	25.05	264	281835	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	259534	145.57	ng	0.00
7) Phenol-d6	7.26	99	398545	148.05	ng	-0.01
23) Nitrobenzene-d5	9.28	82	271399	97.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	204423	131.80	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	650642	87.64	ng	-0.02
78) Terphenyl-d14	20.09	244	1071084	90.45	ng	-0.02

Target Compounds

						Qvalue
8) 2-Chlorophenol	7.68	128	113869	52.38	ng	95
10) Phenol	7.29	94	220706	77.90	ng	79
12) 1,3-Dichlorobenzene	8.01	146	351070	142.47	ng	# 94
13) 1,4-Dichlorobenzene	8.15	146	134416	52.82	ng	94
17) 2-Methylphenol	8.55	107	24537	12.27	ng	# 93
18) Hexachloroethane	9.21	117	105024	110.21	ng	95
24) Nitrobenzene	9.33	77	445354	147.54	ng	91
25) Isophorone	9.86	82	1024454	171.72	ng	# 98
29) 2,4-Dichlorophenol	10.58	162	210124	84.72	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	346339	123.56	ng	94
31) Naphthalene	10.99	128	1046705	137.58	ng	97
34) Hexachlorobutadiene	11.27	225	296997	143.65	ng	99
36) 4-Chloro-3-methylphenol	12.20	107	457932	148.26	ng	94
37) 2-Methylnaphthalene	12.59	142	561782	100.76	ng	# 95
42) 2,4,6-Trichlorophenol	13.18	196	180028	70.69	ng	98
43) 2,4,5-Trichlorophenol	13.25	196	277268	103.01	ng	96
48) Acenaphthylene	14.47	152	952148	87.17	ng	98
49) Dimethylphthalate	14.21	163	1382742	151.64	ng	# 99
51) Acenaphthene	14.81	154	361878	54.60	ng	99
54) Dibenzofuran	15.15	168	1582087	160.46	ng	# 84
55) 4-Nitrophenol	14.95	139	190432	122.76	ng	# 67
57) Fluorene	15.80	166	1024640	116.11	ng	98
59) Diethylphthalate	15.56	149	1200563	121.65	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	264908	86.15	ng	96
70) Phenanthrene	17.53	178	1133600	80.97	ng	100
72) Carbazole	17.89	167	287621	22.89	ng	97
73) Di-n-butylphthalate	18.44	149	630091	40.92	ng	98
74) Fluoranthene	19.54	202	1374462	76.75	ng	95
80) Benzo(a)anthracene	21.75	228	1528536	86.45	ng	96
82) Chrysene	21.82	228	1378274	82.10	ng	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	968395	99.07	ng	# 99
84) Di-n-octyl phthalate	22.90	149	1534216	96.54	ng	# 92
87) Benzo(b)fluoranthene	24.02	252	1513508	84.73	ng	# 97
90) Dibenzo(a,h)anthracene	28.92	278	1916737	114.40	ng	# 94

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

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