Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080947.D
Acq On : 8 Aug 2015 3:40
Operator : TP/UM
Sample : G3212-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-5MS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:20:33 PM

Quant Time: Aug 08 04:37:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	46799	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	192107	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	93516	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	196230	20.00	ng		0.01
75) Chrysene-d12	13.96	240	125206	20.00	ng		0.00
86) Perylene-d12	15.37	264	110905	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	374302	130.68	ng		0.03
7) Phenol-d6	6.45	99	495322	126.20	ng		0.01
23) Nitrobenzene-d5	7.38	82	299844	73.83	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	108077	105.20	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	457901	68.93	ng		0.00
78) Terphenyl-d14	12.91	244	412309	68.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	38665	28.46	ng		97
3) Pyridine	3.09	79	104605	27.15	ng		97
4) n-Nitrosodimethylamine	3.02	42	60116	30.57	ng		95
6) Aniline	6.48	93	78238	13.57	ng	#	54
8) 2-Chlorophenol	6.60	128	97374	29.38	ng		93
9) Benzaldehyde	6.35	77	94799	35.83	ng		97
10) Phenol	6.46	94	111099	23.86	ng	#	45
11) bis(2-Chloroethyl)ether	6.54	93	102107	29.37	ng		96
12) 1,3-Dichlorobenzene	6.75	146	108833m	30.94	ng		
13) 1,4-Dichlorobenzene	6.83	146	117205	32.07	ng		97
14) 1,2-Dichlorobenzene	6.98	146	90248	27.31	ng		96
15) Benzyl Alcohol	6.96	79	104295	32.47	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	186215	26.62	ng		97
17) 2-Methylphenol	7.08	107	82979	29.33	ng	#	93
18) Hexachloroethane	7.32	117	38237	27.30	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	77779	27.11	ng		95
20) 3+4-Methylphenols	7.23	107	104477	29.40	ng	#	78
22) Acetophenone	7.22	105	161858	34.39	ng	#	91
24) Nitrobenzene	7.39	77	104806	25.06	ng		96
25) Isophorone	7.64	82	219865	28.15	ng		98
26) 2-Nitrophenol	7.71	139	48751	27.71	ng		87
27) 2,4-Dimethylphenol	7.76	122	87073	26.43	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	122357	26.10	ng		98
29) 2,4-Dichlorophenol	7.96	162	85211	31.48	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	104308	35.25	ng		98
31) Naphthalene	8.12	128	312078	29.47	ng		100
32) Benzoic acid	7.82	122	5682	2.88	ng		88
33) 4-Chloroaniline	8.17	127	38888	9.04	ng		95
34) Hexachlorobutadiene	8.24	225	44788	25.44	ng		99
35) Caprolactam	8.53	113	35468	36.42	ng	#	71
36) 4-Chloro-3-methylphenol	8.66	107	94660	28.66	ng		96
37) 2-Methylnaphthalene	8.81	142	176243	26.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	107905	37.43	ng		98
40) Hexachlorocyclopentadiene	8.97	237	31441	19.99	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080947.D
Acq On : 8 Aug 2015 3:40
Operator : TP/UM
Sample : G3212-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-5MS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:20:33 PM

Quant Time: Aug 08 04:37:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	65463	30.98	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	60776	28.54	ng	#	73
45) 1,1'-Biphenyl	9.28	154	330392	41.17	ng		99
46) 2-Chloronaphthalene	9.30	162	186980	29.88	ng		98
47) 2-Nitroaniline	9.39	65	68682	27.37	ng		93
48) Acenaphthylene	9.71	152	311955	28.68	ng		100
49) Dimethylphthalate	9.57	163	287810	37.05	ng		100
50) 2,6-Dinitrotoluene	9.64	165	45627	28.43	ng	#	48
51) Acenaphthene	9.88	154	186285	27.96	ng		99
52) 3-Nitroaniline	9.80	138	35325	17.85	ng		99
53) 2,4-Dinitrophenol	9.90	184	9650	15.28	ng		91
54) Dibenzofuran	10.05	168	257900	28.63	ng		97
55) 4-Nitrophenol	9.97	139	82617	55.79	ng	#	53
56) 2,4-Dinitrotoluene	10.03	165	58266	27.13	ng		88
57) Fluorene	10.40	166	225889	32.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	44334	26.31	ng	#	89
59) Diethylphthalate	10.28	149	217880	26.95	ng		95
60) 4-Chlorophenyl-phenylether	10.38	204	87128	25.66	ng		93
61) 4-Nitroaniline	10.42	138	58960	28.96	ng		88
62) Azobenzene	10.54	77	257430	28.47	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	14701	12.09	ng		94
65) n-Nitrosodiphenylamine	10.51	169	183522	26.92	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	54491	26.22	ng		93
67) Hexachlorobenzene	10.94	284	62794	27.18	ng	#	90
68) Atrazine	11.04	200	62883	31.46	ng		97
69) Pentachlorophenol	11.14	266	78348	58.31	ng		98
70) Phenanthrene	11.36	178	378473	34.06	ng		98
71) Anthracene	11.40	178	280465	25.50	ng		99
72) Carbazole	11.56	167	301490	28.15	ng		98
73) Di-n-butylphthalate	11.89	149	340994	25.46	ng		100
74) Fluoranthene	12.53	202	393337	32.75	ng		97
76) Benzidine	12.67	184	221137	41.50	ng		96
77) Pyrene	12.76	202	383908	41.51	ng		98
79) Butylbenzylphthalate	13.39	149	149044	33.43	ng	#	86
80) Benzo(a)anthracene	13.95	228	270582	34.21	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	168965	58.73	ng	#	97
82) Chrysene	13.99	228	213936	28.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	211461	34.08	ng	#	97
84) Di-n-octyl phthalate	14.56	149	311022	29.57	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	200119	27.77	ng		99
87) Benzo(b)fluoranthene	14.97	252	248750m	32.25	ng		
88) Benzo(k)fluoranthene	14.99	252	194445m	28.82	ng		
89) Benzo(a)pyrene	15.31	252	221389	33.40	ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	166532	28.41	ng		99
91) Benzo(g,h,i)perylene	17.14	276	157420	27.61	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080947.D
Acq On : 8 Aug 2015 3:40
Operator : TP/UM
Sample : G3212-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 08 04:37:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOIL-5MS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:20:33 PM