Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100728.D
Acq On : 20 Nov 2017 14:16
Operator : SJ/JU
Sample : IDOC-SOIL-02
Misc : For Mohd. Jabed
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-02

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:09 PM

Quant Time: Nov 21 03:41:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85964	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	354224	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	163136	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	316900	20.00	ng		0.00
75) Chrysene-d12	14.03	240	174775	20.00	ng		-0.01
86) Perylene-d12	15.50	264	177375	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	569109	106.12	ng		0.00
7) Phenol-d6	6.50	99	685636	103.68	ng		0.00
23) Nitrobenzene-d5	7.43	82	430643	80.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	193355	116.31	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	902586	84.25	ng		-0.01
78) Terphenyl-d14	12.98	244	760174	99.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	76255	29.178	ng		97
3) Pyridine	3.50	79	212853	29.853	ng		92
4) n-Nitrosodimethylamine	3.46	42	98320	28.402	ng		98
6) Aniline	6.53	93	110540	11.832	ng		98
8) 2-Chlorophenol	6.66	128	208747	36.795	ng		98
9) Benzaldehyde	6.42	77	83181	17.613	ng		94
10) Phenol	6.52	94	244850	35.270	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	189960	32.577	ng		99
12) 1,3-Dichlorobenzene	6.81	146	234836	35.903	ng		98
13) 1,4-Dichlorobenzene	6.89	146	239523	36.181	ng		98
14) 1,2-Dichlorobenzene	7.04	146	225732	36.879	ng		98
15) Benzyl Alcohol	7.01	79	176763	34.249	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	334839	35.903	ng		97
17) 2-Methylphenol	7.12	107	176096	36.322	ng		97
18) Hexachloroethane	7.38	117	80395	36.832	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	142009	30.965	ng		94
20) 3+4-Methylphenols	7.27	107	216865	35.349	ng	#	88
22) Acetophenone	7.28	105	280108	32.429	ng	#	97
24) Nitrobenzene	7.45	77	210166	38.111	ng		99
25) Isophorone	7.69	82	384459	34.147	ng		99
26) 2-Nitrophenol	7.77	139	115687	45.109	ng		94
27) 2,4-Dimethylphenol	7.80	122	197466	39.124	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	247783	33.645	ng		98
29) 2,4-Dichlorophenol	8.01	162	189891	39.410	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	197135	37.824	ng		98
31) Naphthalene	8.17	128	613081	35.934	ng		99
32) Benzoic acid	7.89	122	52642m	20.332	ng		
33) 4-Chloroaniline	8.22	127	62961	8.866	ng		96
34) Hexachlorobutadiene	8.29	225	113271	36.552	ng		97
35) Caprolactam	8.59	113	50279	30.407	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	187750	36.281	ng		96
37) 2-Methylnaphthalene	8.87	142	420005	37.080	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	196191	36.262	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	174147	68.389	ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100728.D
Acq On : 20 Nov 2017 14:16
Operator : SJ/JU
Sample : IDOC-SOIL-02
Misc : For Mohd. Jabed
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-02

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:09 PM

Quant Time: Nov 21 03:41:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	139836	40.780	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	141745	39.897	ng	#	90
45) 1,1'-Biphenyl	9.33	154	503611	35.693	ng		97
46) 2-Chloronaphthalene	9.36	162	397560	38.839	ng		96
47) 2-Nitroaniline	9.45	65	113904	38.259	ng		98
48) Acenaphthylene	9.77	152	601282	35.446	ng		99
49) Dimethylphthalate	9.63	163	451130	36.219	ng		99
50) 2,6-Dinitrotoluene	9.69	165	100736	40.858	ng		95
51) Acenaphthene	9.95	154	371678	36.027	ng		100
52) 3-Nitroaniline	9.86	138	55937	19.213	ng		94
53) 2,4-Dinitrophenol	9.97	184	34824	43.289	ng	#	13
54) Dibenzofuran	10.12	168	532963	36.859	ng		98
55) 4-Nitrophenol	10.02	139	146502	61.971	ng		91
56) 2,4-Dinitrotoluene	10.10	165	132118	42.477	ng	#	89
57) Fluorene	10.46	166	411779	38.874	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	113074	38.834	ng	#	85
59) Diethylphthalate	10.33	149	440748	35.360	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	200248	38.536	ng		89
61) 4-Nitroaniline	10.47	138	96212	34.851	ng		91
62) Azobenzene	10.61	77	386977	32.963	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	37519	27.832	ng		79
65) n-Nitrosodiphenylamine	10.57	169	381662	34.637	ng		97
66) 4-Bromophenyl-phenylether	10.94	248	127565	37.551	ng	#	86
67) Hexachlorobenzene	11.00	284	131740	37.079	ng	#	90
68) Atrazine	11.09	200	119122	35.714	ng		98
69) Pentachlorophenol	11.20	266	115680	45.406	ng		97
70) Phenanthrene	11.42	178	607752	36.425	ng		98
71) Anthracene	11.47	178	630747	37.260	ng		98
72) Carbazole	11.63	167	528876	33.860	ng		99
73) Di-n-butylphthalate	11.95	149	679272	37.162	ng		99
74) Fluoranthene	12.61	202	584557	33.057	ng		96
76) Benzidine	12.73	184	108470	15.497	ng		97
77) Pyrene	12.84	202	586324	47.062	ng		99
79) Butylbenzylphthalate	13.45	149	223534	43.996	ng		91
80) Benzo(a)anthracene	14.02	228	395065	37.536	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	76519	20.292	ng	#	97
82) Chrysene	14.06	228	378073	37.095	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	277559	41.535	ng		100
84) Di-n-octyl phthalate	14.62	149	395633	34.463	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	453225	54.978	ng		94
87) Benzo(b)fluoranthene	15.07	252	359926	34.251	ng		98
88) Benzo(k)fluoranthene	15.10	252	356581	35.913	ng		97
89) Benzo(a)pyrene	15.44	252	355259	38.134	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	376674	49.440	ng		96
91) Benzo(g,h,i)perylene	17.44	276	394848	52.943	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100728.D
Acq On : 20 Nov 2017 14:16
Operator : SJ/JU
Sample : IDOC-SOIL-02
Misc : For Mohd. Jabed
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 21 03:41:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-02

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:09 PM