Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100729.D
Acq On : 20 Nov 2017 14:43
Operator : SJ/JU
Sample : IDOC-SOIL-03
Misc : For Mohd. Jabed
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-03

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:12 PM

Quant Time: Nov 21 03:45:13 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	90186	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	363426	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	167974	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	311691	20.00	ng		0.00
75) Chrysene-d12	14.03	240	173120	20.00	ng		-0.01
86) Perylene-d12	15.50	264	195995	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	606060	107.72	ng		0.00
7) Phenol-d6	6.50	99	729241	105.11	ng		0.00
23) Nitrobenzene-d5	7.43	82	453455	82.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	200295	117.02	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	949227	86.05	ng		0.00
78) Terphenyl-d14	12.98	244	734712	97.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	77468	28.255	ng		97
3) Pyridine	3.50	79	220542	29.483	ng		93
4) n-Nitrosodimethylamine	3.45	42	104589	28.798	ng		97
6) Aniline	6.54	93	122763	12.525	ng		98
8) 2-Chlorophenol	6.66	128	220427	37.035	ng		99
9) Benzaldehyde	6.42	77	93282	18.828	ng		97
10) Phenol	6.52	94	259994	35.698	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	200438	32.765	ng		98
12) 1,3-Dichlorobenzene	6.81	146	250933	36.568	ng		97
13) 1,4-Dichlorobenzene	6.89	146	250802	36.111	ng		99
14) 1,2-Dichlorobenzene	7.05	146	237812	37.034	ng		96
15) Benzyl Alcohol	7.01	79	188619	34.835	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	348863	35.655	ng		98
17) 2-Methylphenol	7.12	107	187606	36.885	ng		96
18) Hexachloroethane	7.38	117	83411	36.425	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	147581	30.673	ng		92
20) 3+4-Methylphenols	7.27	107	227390	35.329	ng	#	78
22) Acetophenone	7.28	105	295222	33.313	ng	#	98
24) Nitrobenzene	7.45	77	221675	39.180	ng		100
25) Isophorone	7.69	82	404375	35.006	ng		98
26) 2-Nitrophenol	7.77	139	123011	46.554	ng		93
27) 2,4-Dimethylphenol	7.80	122	208494	40.263	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	260162	34.431	ng		99
29) 2,4-Dichlorophenol	8.01	162	197636	39.979	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	208321	38.958	ng		97
31) Naphthalene	8.17	128	641624	36.655	ng		99
32) Benzoic acid	7.90	122	57831m	21.108	ng		
33) 4-Chloroaniline	8.22	127	63352	8.695	ng		97
34) Hexachlorobutadiene	8.29	225	117567	36.978	ng		99
35) Caprolactam	8.59	113	52322m	30.841	ng		
36) 4-Chloro-3-methylphenol	8.70	107	193185	36.386	ng		97
37) 2-Methylnaphthalene	8.87	142	444984	38.290	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	206088	36.994	ng		97
40) Hexachlorocyclopentadiene	9.02	237	183598	70.024	ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100729.D
Acq On : 20 Nov 2017 14:43
Operator : SJ/JU
Sample : IDOC-SOIL-03
Misc : For Mohd. Jabed
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-03

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:12 PM

Quant Time: Nov 21 03:45:13 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	144547	40.940	ng		96
43) 2,4,5-Trichlorophenol	9.19	196	146910	40.160	ng	#	89
45) 1,1'-Biphenyl	9.33	154	530604	36.523	ng		97
46) 2-Chloronaphthalene	9.36	162	415418	39.415	ng		97
47) 2-Nitroaniline	9.45	65	118815	38.723	ng		99
48) Acenaphthylene	9.77	152	632776	36.228	ng		99
49) Dimethylphthalate	9.63	163	470102	36.655	ng		99
50) 2,6-Dinitrotoluene	9.69	165	107824	42.473	ng		91
51) Acenaphthene	9.95	154	392363	36.936	ng		98
52) 3-Nitroaniline	9.86	138	52468	17.502	ng		98
53) 2,4-Dinitrophenol	9.97	184	37833	44.889	ng	#	12
54) Dibenzofuran	10.12	168	558302	37.499	ng		98
55) 4-Nitrophenol	10.02	139	148937	61.187	ng		91
56) 2,4-Dinitrotoluene	10.10	165	137717	43.002	ng	#	88
57) Fluorene	10.46	166	429572	39.386	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	114771	38.282	ng	#	85
59) Diethylphthalate	10.33	149	456657	35.581	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	211425	39.515	ng		89
61) 4-Nitroaniline	10.47	138	97142	34.175	ng		87
62) Azobenzene	10.61	77	405648	33.558	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	39752	29.319	ng		78
65) n-Nitrosodiphenylamine	10.57	169	398268	36.748	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	133609	39.987	ng	#	87
67) Hexachlorobenzene	11.00	284	139662	39.965	ng	#	92
68) Atrazine	11.09	200	121917	37.163	ng		97
69) Pentachlorophenol	11.20	266	119261	47.594	ng		98
70) Phenanthrene	11.42	178	622039	37.904	ng		98
71) Anthracene	11.47	178	640504	38.469	ng		99
72) Carbazole	11.63	167	526489	34.270	ng		99
73) Di-n-butylphthalate	11.95	149	679689	37.806	ng		99
74) Fluoranthene	12.61	202	583043	33.523	ng		96
76) Benzidine	12.73	184	124593	17.971	ng		98
77) Pyrene	12.84	202	566436	45.900	ng		98
79) Butylbenzylphthalate	13.45	149	212694	42.262	ng	#	88
80) Benzo(a)anthracene	14.02	228	404414	38.792	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	78412	20.993	ng		96
82) Chrysene	14.06	228	382119	37.851	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	272620	41.186	ng		100
84) Di-n-octyl phthalate	14.62	149	445361	39.165	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	517458	63.370	ng		95
87) Benzo(b)fluoranthene	15.07	252	409914	35.302	ng		98
88) Benzo(k)fluoranthene	15.10	252	402567m	36.693	ng		
89) Benzo(a)pyrene	15.44	252	412996	40.119	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	430468	51.133	ng		97
91) Benzo(g,h,i)perylene	17.44	276	445596	54.071	ng	#	94

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100729.D
Acq On : 20 Nov 2017 14:43
Operator : SJ/JU
Sample : IDOC-SOIL-03
Misc : For Mohd. Jabed
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 21 03:45:13 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-03

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:12 PM