Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088858.D
Acq On : 9 Jul 2016 7:33
Operator : UM/SJ
Sample : PB91940BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91940BS

Quant Time: Jul 11 01:00:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	86682	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	350098	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	165908	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	305965	20.00	ng		0.00
75) Chrysene-d12	13.86	240	163355	20.00	ng		-0.01
86) Perylene-d12	15.23	264	167455	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	620650	107.31	ng		0.01
7) Phenol-d6	6.38	99	708095	94.75	ng		0.00
23) Nitrobenzene-d5	7.30	82	514177	76.96	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	192336	124.84	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	853651	81.27	ng		0.00
78) Terphenyl-d14	12.82	244	627017	85.49	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.99	79	226236	27.19	ng		91
4) n-Nitrosodimethylamine	2.96	42	93595	29.44	ng		87
6) Aniline	6.39	93	199892	18.35	ng	#	1
8) 2-Chlorophenol	6.51	128	217004	34.91	ng		99
9) Benzaldehyde	6.27	77	167656	33.12	ng		92
10) Phenol	6.39	94	256696	30.10	ng	#	64
11) bis(2-Chloroethyl)ether	6.47	93	204604	32.17	ng		92
12) 1,3-Dichlorobenzene	6.67	146	246120m	35.98	ng		
13) 1,4-Dichlorobenzene	6.74	146	237936	35.04	ng		93
14) 1,2-Dichlorobenzene	6.90	146	239224m	37.64	ng		
15) Benzyl Alcohol	6.88	79	207649	37.75	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	244866	26.58	ng		89
17) 2-Methylphenol	6.99	107	186601	36.80	ng		96
18) Hexachloroethane	7.24	117	96001	36.55	ng		91
19) n-Nitroso-di-n-propylamine	7.15	70	151900	30.26	ng		92
20) 3+4-Methylphenols	7.15	107	234219	38.48	ng		94
22) Acetophenone	7.14	105	317658	37.38	ng	#	91
24) Nitrobenzene	7.31	77	223277	33.15	ng	#	82
25) Isophorone	7.56	82	450413	36.40	ng		97
26) 2-Nitrophenol	7.63	139	115264	41.73	ng		95
27) 2,4-Dimethylphenol	7.68	122	196491	34.15	ng		87
28) bis(2-Chloroethoxy)methane	7.77	93	275111	34.16	ng	#	95
29) 2,4-Dichlorophenol	7.87	162	177590	38.20	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	201673	39.53	ng		97
31) Naphthalene	8.03	128	641499	37.17	ng		99
32) Benzoic acid	7.82	122	107252	25.68	ng		93
33) 4-Chloroaniline	8.09	127	77773	10.13	ng	#	94
34) Hexachlorobutadiene	8.16	225	106622	39.03	ng		98
35) Caprolactam	8.46	113	58085m	36.78	ng		
36) 4-Chloro-3-methylphenol	8.58	107	218790	39.79	ng		97
37) 2-Methylnaphthalene	8.73	142	453791	40.83	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	180341	32.68	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	188002	69.41	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	122857	33.77	ng		97

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088858.D
Acq On : 9 Jul 2016 7:33
Operator : UM/SJ
Sample : PB91940BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91940BS

Quant Time: Jul 11 01:00:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	134694	43.03	ng	#	95
45) 1,1'-Biphenyl	9.19	154	488193	35.54	ng		98
46) 2-Chloronaphthalene	9.21	162	376694	34.93	ng		96
47) 2-Nitroaniline	9.31	65	141572	36.99	ng		88
48) Acenaphthylene	9.63	152	647263	37.72	ng		98
49) Dimethylphthalate	9.50	163	439249	37.16	ng		100
50) 2,6-Dinitrotoluene	9.55	165	94930	36.24	ng	#	47
51) Acenaphthene	9.80	154	414644	39.42	ng		99
52) 3-Nitroaniline	9.71	138	51925	15.59	ng	#	79
53) 2,4-Dinitrophenol	9.83	184	60282	52.12	ng		90
54) Dibenzofuran	9.98	168	572936	41.61	ng		96
55) 4-Nitrophenol	9.90	139	167168	66.06	ng		93
56) 2,4-Dinitrotoluene	9.95	165	137062	40.02	ng	#	43
57) Fluorene	10.31	166	378934	35.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	105560	43.59	ng	#	49
59) Diethylphthalate	10.19	149	447598	37.73	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	197851	40.13	ng		99
61) 4-Nitroaniline	10.33	138	91169	28.45	ng		82
62) Azobenzene	10.47	77	555431	41.05	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	54759	33.46	ng	#	78
65) n-Nitrosodiphenylamine	10.42	169	369732	35.70	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	119519	38.76	ng	#	89
67) Hexachlorobenzene	10.86	284	126117	36.95	ng		96
68) Atrazine	10.96	200	134039	41.54	ng		94
69) Pentachlorophenol	11.05	266	121038	59.92	ng		97
70) Phenanthrene	11.27	178	649144	38.81	ng		99
71) Anthracene	11.31	178	574603	34.55	ng		100
72) Carbazole	11.47	167	599726	38.32	ng		100
73) Di-n-butylphthalate	11.82	149	761830	41.84	ng		98
74) Fluoranthene	12.45	202	584577	34.48	ng		99
76) Benzidine	12.57	184	213934	25.91	ng		98
77) Pyrene	12.67	202	616127	44.48	ng		99
79) Butylbenzylphthalate	13.30	149	286898	46.44	ng		90
80) Benzo(a)anthracene	13.85	228	395840	37.63	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	80780	20.43	ng	#	95
82) Chrysene	13.90	228	388814	37.36	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	325535	46.15	ng		98
84) Di-n-octyl phthalate	14.47	149	483155	40.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	443181	55.35	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	335982m	31.98	ng		
88) Benzo(k)fluoranthene	14.89	252	353004m	38.60	ng		
89) Benzo(a)pyrene	15.19	252	352012	39.58	ng	#	94
90) Dibenzo(a,h)anthracene	16.56	278	366314	49.32	ng		98
91) Benzo(g,h,i)perylene	16.94	276	375215	48.82	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088858.D
Acq On : 9 Jul 2016 7:33
Operator : UM/SJ
Sample : PB91940BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91940BS

Quant Time: Jul 11 01:00:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration