Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087669.D
Acq On : 4 Jun 2016 16:44
Operator : UM/SJ
Sample : PB91039BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:12 PM

Quant Time: Jun 05 01:36:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114002	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	461322	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	223248	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	401591	20.00	ng		0.00
75) Chrysene-d12	14.02	240	306409	20.00	ng		0.00
86) Perylene-d12	15.44	264	277741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	554729	78.65	ng		0.01
7) Phenol-d6	6.49	99	743135	84.01	ng		0.00
23) Nitrobenzene-d5	7.43	82	653246	81.93	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	176991	78.98	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1216342	82.99	ng		0.00
78) Terphenyl-d14	12.97	244	981736	78.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	102465	30.06	ng	#	27
3) Pyridine	3.28	79	336100	37.32	ng		96
4) n-Nitrosodimethylamine	3.23	42	150802	39.63	ng		98
6) Aniline	6.52	93	283178	22.59	ng		98
8) 2-Chlorophenol	6.64	128	311319	38.36	ng		98
9) Benzaldehyde	6.40	77	19511	3.26	ng		89
10) Phenol	6.50	94	438302	43.52	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	263672	36.03	ng		97
12) 1,3-Dichlorobenzene	6.80	146	321566	37.01	ng		99
13) 1,4-Dichlorobenzene	6.88	146	352738	40.45	ng		98
14) 1,2-Dichlorobenzene	7.03	146	298582m	36.53	ng		
15) Benzyl Alcohol	7.00	79	229566	35.13	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	416629	39.04	ng		97
17) 2-Methylphenol	7.12	107	281982	43.27	ng		96
18) Hexachloroethane	7.38	117	122624	40.22	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	203176	36.78	ng		97
20) 3+4-Methylphenols	7.27	107	317056	39.71	ng		93
22) Acetophenone	7.27	105	426165	40.79	ng	#	80
24) Nitrobenzene	7.44	77	314701	39.44	ng	#	86
25) Isophorone	7.69	82	603571	41.58	ng		97
26) 2-Nitrophenol	7.76	139	150658	40.63	ng		99
27) 2,4-Dimethylphenol	7.80	122	329121	42.83	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	349389	37.94	ng		97
29) 2,4-Dichlorophenol	8.00	162	258943	41.03	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	282584	42.76	ng		99
31) Naphthalene	8.17	128	966054	43.07	ng		100
32) Benzoic acid	7.92	122	204239	44.06	ng		99
33) 4-Chloroaniline	8.22	127	158350	16.25	ng		94
34) Hexachlorobutadiene	8.30	225	142838	41.57	ng		99
35) Caprolactam	8.58	113	86559m	41.75	ng		
36) 4-Chloro-3-methylphenol	8.70	107	283407	43.41	ng		97
37) 2-Methylnaphthalene	8.86	142	596667	40.28	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243929	39.65	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	278240	76.88	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087669.D
Acq On : 4 Jun 2016 16:44
Operator : UM/SJ
Sample : PB91039BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91039BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:12 PM

Quant Time: Jun 05 01:36:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	182023	39.17	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	188600	43.61	ng	#	90
45) 1,1'-Biphenyl	9.32	154	683759	37.74	ng		100
46) 2-Chloronaphthalene	9.35	162	542228	37.60	ng		99
47) 2-Nitroaniline	9.44	65	158645	39.07	ng		99
48) Acenaphthylene	9.77	152	951225	42.29	ng		99
49) Dimethylphthalate	9.63	163	700377	43.15	ng		100
50) 2,6-Dinitrotoluene	9.69	165	166669	45.13	ng		95
51) Acenaphthene	9.94	154	622925	43.05	ng		99
52) 3-Nitroaniline	9.85	138	96513	22.85	ng		95
53) 2,4-Dinitrophenol	9.95	184	134627	80.32	ng	#	89
54) Dibenzofuran	10.11	168	852989	43.29	ng		98
55) 4-Nitrophenol	10.01	139	256831	71.15	ng		94
56) 2,4-Dinitrotoluene	10.09	165	223902	47.62	ng	#	79
57) Fluorene	10.46	166	613448	39.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	159509	42.82	ng	#	57
59) Diethylphthalate	10.33	149	655153	40.19	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	262530	43.79	ng		100
61) 4-Nitroaniline	10.47	138	163206	40.19	ng		95
62) Azobenzene	10.60	77	714603	43.56	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	92566	41.74	ng		98
65) n-Nitrosodiphenylamine	10.56	169	533737	40.58	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	181491	45.58	ng		97
67) Hexachlorobenzene	10.99	284	179415	40.29	ng		97
68) Atrazine	11.10	200	175782	45.11	ng		98
69) Pentachlorophenol	11.19	266	222713	84.17	ng		99
70) Phenanthrene	11.40	178	853992	39.22	ng		100
71) Anthracene	11.46	178	949792	43.53	ng		100
72) Carbazole	11.61	167	822804	39.84	ng		100
73) Di-n-butylphthalate	11.95	149	1014522	45.82	ng		100
74) Fluoranthene	12.59	202	944734	44.09	ng		100
76) Benzidine	12.72	184	283811	23.49	ng		99
77) Pyrene	12.82	202	960541	44.02	ng		100
79) Butylbenzylphthalate	13.45	149	450327	48.50	ng		99
80) Benzo(a)anthracene	14.01	228	761628	43.07	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	131358	26.33	ng		100
82) Chrysene	14.05	228	771688	43.84	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	515926	46.69	ng		99
84) Di-n-octyl phthalate	14.62	149	953854	46.43	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	667530	45.88	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	766967	42.45	ng		98
88) Benzo(k)fluoranthene	15.06	252	626144m	41.65	ng		
89) Benzo(a)pyrene	15.38	252	653677	43.04	ng		100
90) Dibenzo(a,h)anthracene	16.86	278	554090	42.87	ng		99
91) Benzo(g,h,i)perylene	17.26	276	566825	43.47	ng		100

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087669.D
Acq On : 4 Jun 2016 16:44
Operator : UM/SJ
Sample : PB91039BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 05 01:36:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB91039BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:12 PM