Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089147.D
Acq On : 20 Jul 2016 22:53
Operator : UM/SJ
Sample : PB92306BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92306BS

Quant Time: Jul 21 03:13:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	54685	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	235111	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	113827	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	217339	20.00	ng		0.00
75) Chrysene-d12	13.73	240	153945	20.00	ng		0.00
86) Perylene-d12	15.07	264	129592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	442479	123.06	ng		0.02
7) Phenol-d6	6.27	99	573079	123.59	ng		0.00
23) Nitrobenzene-d5	7.18	82	362614	81.95	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	115126	112.34	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	694339	84.05	ng		0.00
78) Terphenyl-d14	12.68	244	548694	77.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	49442	31.67	ng		91
3) Pyridine	2.78	79	133384	33.63	ng		98
4) n-Nitrosodimethylamine	2.74	42	63577	38.08	ng		98
6) Aniline	6.27	93	120181	19.18	ng	#	50
8) 2-Chlorophenol	6.39	128	161964	40.59	ng		83
9) Benzaldehyde	6.15	77	45052	15.86	ng		98
10) Phenol	6.28	94	214510	40.15	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	169399	42.22	ng		100
12) 1,3-Dichlorobenzene	6.54	146	165414	37.54	ng		98
13) 1,4-Dichlorobenzene	6.62	146	176773	39.84	ng		97
14) 1,2-Dichlorobenzene	6.78	146	154147	36.84	ng		97
15) Benzyl Alcohol	6.76	79	151748	44.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	172943	37.83	ng		90
17) 2-Methylphenol	6.89	107	132643	42.20	ng		99
18) Hexachloroethane	7.11	117	64839	38.87	ng		92
19) n-Nitroso-di-n-propylamine	7.03	70	118020	38.92	ng	#	90
20) 3+4-Methylphenols	7.04	107	178128	41.75	ng	#	87
22) Acetophenone	7.03	105	241205	38.42	ng	#	97
24) Nitrobenzene	7.20	77	172570	36.98	ng		95
25) Isophorone	7.44	82	326535	40.04	ng		98
26) 2-Nitrophenol	7.51	139	86414	39.70	ng		94
27) 2,4-Dimethylphenol	7.56	122	145326	39.63	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	209102	40.99	ng		99
29) 2,4-Dichlorophenol	7.76	162	140108	42.39	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	137343	37.54	ng	#	96
31) Naphthalene	7.91	128	496513	39.13	ng		100
32) Benzoic acid	7.72	122	87573	31.05	ng		92
33) 4-Chloroaniline	7.96	127	55265	10.36	ng	#	91
34) Hexachlorobutadiene	8.03	225	75839	37.25	ng		98
35) Caprolactam	8.35	113	41653m	40.58	ng		
36) 4-Chloro-3-methylphenol	8.47	107	159955	40.17	ng		99
37) 2-Methylnaphthalene	8.59	142	311265	38.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	131519	31.09	ng		96
40) Hexachlorocyclopentadiene	8.75	237	121944	85.45	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089147.D
Acq On : 20 Jul 2016 22:53
Operator : UM/SJ
Sample : PB92306BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92306BS

Quant Time: Jul 21 03:13:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	94594	39.95	ng		100
43) 2,4,5-Trichlorophenol	8.94	196	100464	42.27	ng		96
45) 1,1'-Biphenyl	9.06	154	368152	35.91	ng		99
46) 2-Chloronaphthalene	9.08	162	300962	38.64	ng		97
47) 2-Nitroaniline	9.19	65	92518	34.62	ng		97
48) Acenaphthylene	9.50	152	485155	39.62	ng		100
49) Dimethylphthalate	9.38	163	371525	42.53	ng		100
50) 2,6-Dinitrotoluene	9.44	165	84285	42.74	ng		99
51) Acenaphthene	9.67	154	291994	40.31	ng		99
52) 3-Nitroaniline	9.60	138	42333	18.08	ng	#	72
53) 2,4-Dinitrophenol	9.71	184	70995	71.60	ng	#	86
54) Dibenzofuran	9.84	168	413109	42.20	ng		99
55) 4-Nitrophenol	9.79	139	104998	74.10	ng	#	83
56) 2,4-Dinitrotoluene	9.84	165	99930	39.34	ng		92
57) Fluorene	10.18	166	357511	43.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	79478	46.56	ng		98
59) Diethylphthalate	10.07	149	358480	41.39	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	145770	38.43	ng	#	69
61) 4-Nitroaniline	10.23	138	83802	36.78	ng		86
62) Azobenzene	10.33	77	386672	41.08	ng		98
64) 4,6-Dinitro-2-methylphenol	10.25	198	55601	43.94	ng		95
65) n-Nitrosodiphenylamine	10.30	169	280803	38.66	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	93420	43.44	ng		95
67) Hexachlorobenzene	10.72	284	85501	36.96	ng	#	54
68) Atrazine	10.83	200	90492	39.84	ng		98
69) Pentachlorophenol	10.92	266	91902	86.12	ng		98
70) Phenanthrene	11.13	178	473607	39.72	ng		100
71) Anthracene	11.19	178	521926	42.12	ng		100
72) Carbazole	11.35	167	484615	44.52	ng		99
73) Di-n-butylphthalate	11.68	149	518952	38.55	ng		100
74) Fluoranthene	12.31	202	493667	39.39	ng		99
76) Benzidine	12.44	184	156296	29.53	ng		99
77) Pyrene	12.54	202	537753	42.30	ng		100
79) Butylbenzylphthalate	13.16	149	228557	42.50	ng		98
80) Benzo(a)anthracene	13.71	228	397707	40.56	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	77909	23.96	ng	#	97
82) Chrysene	13.76	228	377080	40.26	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	295261	41.39	ng		98
84) Di-n-octyl phthalate	14.33	149	490204	41.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	288825	42.46	ng		100
87) Benzo(b)fluoranthene	14.71	252	334816m	35.67	ng		
88) Benzo(k)fluoranthene	14.74	252	345924m	51.54	ng		
89) Benzo(a)pyrene	15.02	252	306257	42.03	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	237797	41.33	ng	#	95
91) Benzo(g,h,i)perylene	16.66	276	237442	40.93	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089147.D
Acq On : 20 Jul 2016 22:53
Operator : UM/SJ
Sample : PB92306BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92306BS

Quant Time: Jul 21 03:13:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration