Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094646.D
Acq On : 26 Apr 2017 14:58
Operator : SJ/MA
Sample : I2805-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA3-COMP1MSD

Quant Time: Apr 27 08:18:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	127767	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	529862	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	248524	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	460290	20.00	ng		-0.01
75) Chrysene-d12	14.46	240	382941	20.00	ng		0.00
86) Perylene-d12	16.08	264	240299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	954500	123.94	ng		0.02
7) Phenol-d6	5.40	99	1159518	127.72	ng		0.00
23) Nitrobenzene-d5	6.41	82	799030	93.12	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	293049	150.75	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1457371	86.28	ng		0.00
78) Terphenyl-d14	13.19	244	1419354	99.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	118106	26.37	ng		96
3) Pyridine	2.68	79	292018	29.83	ng		99
4) n-Nitrosodimethylamine	2.62	42	157893	38.98	ng		85
6) Aniline	5.40	93	121781	10.09	ng	#	3
8) 2-Chlorophenol	5.53	128	386594	44.12	ng		97
9) Benzaldehyde	5.26	77	71377	10.33	ng		96
10) Phenol	5.41	94	419560	37.62	ng		91
11) bis(2-Chloroethyl)ether	5.47	93	363136	44.57	ng		99
12) 1,3-Dichlorobenzene	5.69	146	390000	40.17	ng		98
13) 1,4-Dichlorobenzene	5.78	146	393434	40.28	ng		96
14) 1,2-Dichlorobenzene	5.95	146	367711	40.87	ng		96
15) Benzyl Alcohol	5.94	79	257643	38.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	469464	43.95	ng		51
17) 2-Methylphenol	6.08	107	306544	44.41	ng	#	91
18) Hexachloroethane	6.34	117	136415	40.74	ng	#	87
19) n-Nitroso-di-n-propylamine	6.25	70	285261	47.42	ng		93
20) 3+4-Methylphenols	6.27	107	432294	46.09	ng	#	63
22) Acetophenone	6.24	105	562560	43.66	ng	#	85
24) Nitrobenzene	6.43	77	400012	44.27	ng		95
25) Isophorone	6.72	82	736976	46.33	ng		95
26) 2-Nitrophenol	6.80	139	223061	45.95	ng		95
27) 2,4-Dimethylphenol	6.88	122	353740	44.86	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	457459	44.46	ng		98
29) 2,4-Dichlorophenol	7.11	162	346037	47.17	ng		99
30) 1,2,4-Trichlorobenzene	7.19	180	318386	41.98	ng		98
31) Naphthalene	7.28	128	1091396	42.85	ng		100
32) Benzoic acid	7.08	122	186788	44.79	ng		95
33) 4-Chloroaniline	7.36	127	53112	5.01	ng	#	93
34) Hexachlorobutadiene	7.43	225	161307	42.66	ng		98
35) Caprolactam	7.84	113	100213m	43.48	ng		
36) 4-Chloro-3-methylphenol	7.98	107	366255	47.64	ng		89
37) 2-Methylnaphthalene	8.12	142	787618	45.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	299031	42.25	ng		99
40) Hexachlorocyclopentadiene	8.31	237	274558	95.90	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094646.D
Acq On : 26 Apr 2017 14:58
Operator : SJ/MA
Sample : I2805-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA3-COMP1MSD

Quant Time: Apr 27 08:18:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	232540	46.79	ng		97
43) 2,4,5-Trichlorophenol	8.54	196	243356	47.68	ng		93
45) 1,1'-Biphenyl	8.69	154	879620	43.32	ng		98
46) 2-Chloronaphthalene	8.71	162	710297	43.99	ng		96
47) 2-Nitroaniline	8.85	65	211447	45.53	ng	#	85
48) Acenaphthylene	9.21	152	1100737	43.73	ng		98
49) Dimethylphthalate	9.09	163	926083	50.00	ng		100
50) 2,6-Dinitrotoluene	9.16	165	201465	48.46	ng		97
51) Acenaphthene	9.42	154	672441	44.61	ng		99
52) 3-Nitroaniline	9.35	138	51708	10.75	ng		88
53) 2,4-Dinitrophenol	9.51	184	189958	83.91	ng	#	62
54) Dibenzofuran	9.64	168	991683	45.26	ng		98
55) 4-Nitrophenol	9.64	139	402542m	118.47	ng		
56) 2,4-Dinitrotoluene	9.65	165	267718	52.48	ng	#	84
57) Fluorene	10.06	166	763169	44.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	180735	49.41	ng		97
59) Diethylphthalate	9.95	149	868058	49.67	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	332666	46.85	ng		95
61) 4-Nitroaniline	10.12	138	155192	31.74	ng		97
62) Azobenzene	10.27	77	813455	47.94	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	138124	45.80	ng	#	71
65) n-Nitrosodiphenylamine	10.22	169	514132	32.12	ng		97
66) 4-Bromophenyl-phenylether	10.67	248	214826	47.00	ng		98
67) Hexachlorobenzene	10.74	284	215031	46.68	ng	#	84
68) Atrazine	10.90	200	114075	23.82	ng		97
69) Pentachlorophenol	11.00	266	208038	113.75	ng		98
70) Phenanthrene	11.24	178	1162715	44.86	ng		99
71) Anthracene	11.30	178	1212861	45.24	ng		99
72) Carbazole	11.51	167	797073	31.67	ng		98
73) Di-n-butylphthalate	11.96	149	1382106	49.88	ng		99
74) Fluoranthene	12.70	202	1214654	45.21	ng		99
77) Pyrene	12.98	202	1215801	45.44	ng		99
79) Butylbenzylphthalate	13.79	149	613299	52.31	ng	#	85
80) Benzo(a)anthracene	14.45	228	1033351	46.43	ng		98
81) 3,3'-Dichlorobenzidine	14.42	252	26551	3.37	ng	#	92
82) Chrysene	14.49	228	931076	45.77	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	872801	55.44	ng	#	100
84) Di-n-octyl phthalate	15.27	149	1469877	55.66	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	735602	38.01	ng		99
87) Benzo(b)fluoranthene	15.69	252	887116	60.35	ng		99
88) Benzo(k)fluoranthene	15.72	252	838291	60.26	ng		96
89) Benzo(a)pyrene	16.03	252	763439	55.82	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	617761	54.40	ng		99
91) Benzo(g,h,i)perylene	17.74	276	608589	52.64	ng		97

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

Quantitation Report   (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094646.D
Acq On   : 26 Apr 2017 14:58
Operator : SJ/MA
Sample   : I2805-03MSD
Misc   :
ALS Vial : 8   Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA3-COMP1MSD

Quant Time: Apr 27 08:18:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration