Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094034.D
Acq On : 29 Mar 2017 22:29
Operator : SJ/MA
Sample : I2431-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-T11-BASEMSD

Manual Integrations APPROVED
mohammad
3/30/2017 2:32:55 PM

Quant Time: Mar 30 04:14:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	160240	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	646894	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	287922	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	498221	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	330745	20.00	ng		-0.04
86) Perylene-d12	16.27	264	274187	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1175049	123.86	ng		-0.02
7) Phenol-d6	5.53	99	1575223	134.21	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1075170	94.85	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	285198	125.35	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	1835745	97.25	ng		-0.03
78) Terphenyl-d14	13.37	244	1338446	90.71	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	182219	39.98	ng		99
3) Pyridine	2.80	79	492281	39.63	ng		98
4) n-Nitrosodimethylamine	2.77	42	250610	49.03	ng		92
6) Aniline	5.55	93	236963	14.51	ng	#	1
8) 2-Chlorophenol	5.69	128	510977	49.00	ng		97
9) Benzaldehyde	5.41	77	142434	17.97	ng		100
10) Phenol	5.55	94	616903	46.19	ng		98
11) bis(2-Chloroethyl)ether	5.63	93	508355	48.71	ng		100
12) 1,3-Dichlorobenzene	5.86	146	561067	47.97	ng		99
13) 1,4-Dichlorobenzene	5.94	146	573227	48.38	ng		96
14) 1,2-Dichlorobenzene	6.12	146	527018	48.30	ng		97
15) Benzyl Alcohol	6.09	79	441551	51.40	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	720530	44.80	ng		97
17) 2-Methylphenol	6.23	107	397813	44.54	ng		96
18) Hexachloroethane	6.51	117	202390	48.60	ng	#	85
19) n-Nitroso-di-n-propylamine	6.41	70	374790	49.69	ng		98
20) 3+4-Methylphenols	6.41	107	502924	46.50	ng	#	66
22) Acetophenone	6.40	105	788136	54.66	ng	#	89
24) Nitrobenzene	6.60	77	549374	49.14	ng		92
25) Isophorone	6.89	82	992581	49.83	ng		95
26) 2-Nitrophenol	6.97	139	306404	57.47	ng		96
27) 2,4-Dimethylphenol	7.03	122	396683	43.18	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	647546	49.30	ng		99
29) 2,4-Dichlorophenol	7.26	162	450958	52.50	ng		98
30) 1,2,4-Trichlorobenzene	7.36	180	445428	50.35	ng		98
31) Naphthalene	7.45	128	1533115	49.29	ng		99
32) Benzoic acid	7.16	122	89191	14.58	ng		95
33) 4-Chloroaniline	7.52	127	166663	13.22	ng		94
34) Hexachlorobutadiene	7.61	225	220189	48.54	ng		98
35) Caprolactam	7.97	113	158025m	57.69	ng		
36) 4-Chloro-3-methylphenol	8.14	107	475765	53.01	ng		90
37) 2-Methylnaphthalene	8.30	142	1049234	50.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	380247	48.28	ng		99
40) Hexachlorocyclopentadiene	8.49	237	304772	82.69	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094034.D
Acq On : 29 Mar 2017 22:29
Operator : SJ/MA
Sample : I2431-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMSD

Manual Integrations APPROVED
mohammad
3/30/2017 2:32:55 PM

Quant Time: Mar 30 04:14:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	301258	54.06	ng		98
43) 2,4,5-Trichlorophenol	8.70	196	302999	50.25	ng		94
45) 1,1'-Biphenyl	8.87	154	1145755	49.34	ng		97
46) 2-Chloronaphthalene	8.89	162	908015	49.95	ng		95
47) 2-Nitroaniline	9.02	65	280685	52.05	ng		88
48) Acenaphthylene	9.40	152	1445383	47.84	ng		99
49) Dimethylphthalate	9.26	163	1173494	57.34	ng		99
50) 2,6-Dinitrotoluene	9.33	165	246305	52.50	ng		94
51) Acenaphthene	9.61	154	847092	48.05	ng		99
52) 3-Nitroaniline	9.52	138	156769	28.46	ng		91
53) 2,4-Dinitrophenol	9.66	184	121936	50.40	ng	#	67
54) Dibenzofuran	9.83	168	1195776	49.83	ng		99
55) 4-Nitrophenol	9.76	139	400297	92.78	ng	#	66
56) 2,4-Dinitrotoluene	9.82	165	297671	50.51	ng	#	72
57) Fluorene	10.25	166	896740	45.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	225701	54.55	ng		97
59) Diethylphthalate	10.13	149	1040234	51.42	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	383122	45.19	ng		92
61) 4-Nitroaniline	10.29	138	246642	46.65	ng		96
62) Azobenzene	10.45	77	979736	51.20	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	132681	43.48	ng	#	71
65) n-Nitrosodiphenylamine	10.40	169	840759	48.80	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	246787	50.36	ng		98
67) Hexachlorobenzene	10.92	284	248412	50.08	ng	#	87
68) Atrazine	11.07	200	263958	51.15	ng		96
69) Pentachlorophenol	11.17	266	258599	83.76	ng		98
70) Phenanthrene	11.43	178	1385668	50.00	ng		99
71) Anthracene	11.49	178	1348978	47.27	ng		99
72) Carbazole	11.69	167	1264373	43.21	ng		98
73) Di-n-butylphthalate	12.14	149	1532652	50.36	ng		99
74) Fluoranthene	12.89	202	1335013	47.04	ng		99
76) Benzidine	13.05	184	39666	3.03	ng	#	94
77) Pyrene	13.16	202	1372819	57.19	ng		99
79) Butylbenzylphthalate	13.98	149	621746	60.79	ng	#	87
80) Benzo(a)anthracene	14.63	228	971406	50.37	ng		100
81) 3,3'-Dichlorobenzidine	14.60	252	174251	25.28	ng		98
82) Chrysene	14.68	228	838494	46.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	825605	59.17	ng		100
84) Di-n-octyl phthalate	15.45	149	1321140	56.68	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	716885	46.25	ng		99
87) Benzo(b)fluoranthene	15.87	252	769184	45.77	ng		99
88) Benzo(k)fluoranthene	15.90	252	725058	44.09	ng		96
89) Benzo(a)pyrene	16.22	252	711761	45.99	ng		99
90) Dibenzo(a,h)anthracene	17.66	278	600126	45.79	ng		97
91) Benzo(g,h,i)perylene	18.04	276	586544	44.40	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094034.D
Acq On : 29 Mar 2017 22:29
Operator : SJ/MA
Sample : I2431-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 30 04:14:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E2-T11-BASEMSD

Manual Integrations APPROVED
mohammad
3/30/2017 2:32:55 PM