Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085180.D
Acq On : 4 Mar 2016 2:21
Operator : SJ/UM
Sample : H1648-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MSD

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:07 PM

Quant Time: Mar 04 03:13:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	149933	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	614526	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	291664	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	545451	20.00	ng		0.00
75) Chrysene-d12	14.14	240	340594	20.00	ng		-0.01
86) Perylene-d12	15.61	264	267363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1283378	143.58	ng		0.01
7) Phenol-d6	6.61	99	1659800	141.73	ng		0.00
23) Nitrobenzene-d5	7.54	82	1103683	96.11	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	398744	159.77	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1639713	85.50	ng		-0.01
78) Terphenyl-d14	13.09	244	1492445	101.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	185086	40.49	ng		100
3) Pyridine	3.50	79	554934	48.51	ng		98
4) n-Nitrosodimethylamine	3.45	42	230434	47.06	ng		98
6) Aniline	6.64	93	359415	21.90	ng		98
8) 2-Chlorophenol	6.77	128	545153	50.66	ng		97
9) Benzaldehyde	6.53	77	200492	35.30	ng		93
10) Phenol	6.62	94	571358m	45.55	ng		
11) bis(2-Chloroethyl)ether	6.71	93	488528	46.90	ng		90
12) 1,3-Dichlorobenzene	6.92	146	532414m	46.08	ng		
13) 1,4-Dichlorobenzene	7.00	146	534064	46.12	ng		97
14) 1,2-Dichlorobenzene	7.16	146	534821	50.91	ng		96
15) Benzyl Alcohol	7.12	79	512263	59.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	708714	47.20	ng		99
17) 2-Methylphenol	7.22	107	453793	51.68	ng		97
18) Hexachloroethane	7.50	117	208815	48.89	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	373638	48.95	ng	#	90
20) 3+4-Methylphenols	7.38	107	560277	53.87	ng		90
22) Acetophenone	7.40	105	713509	47.57	ng	#	90
24) Nitrobenzene	7.57	77	607848	52.10	ng	#	87
25) Isophorone	7.81	82	1061170	49.86	ng		96
26) 2-Nitrophenol	7.88	139	268124	47.23	ng	#	69
27) 2,4-Dimethylphenol	7.91	122	479695	46.23	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	677410	57.15	ng		99
29) 2,4-Dichlorophenol	8.12	162	405830	48.50	ng		89
30) 1,2,4-Trichlorobenzene	8.21	180	459378	50.78	ng		99
31) Naphthalene	8.29	128	1470794	48.67	ng		99
32) Benzoic acid	7.99	122	96202	13.96	ng		98
33) 4-Chloroaniline	8.33	127	133291	10.91	ng	#	91
34) Hexachlorobutadiene	8.40	225	219849	46.71	ng		98
35) Caprolactam	8.70	113	156824m	57.39	ng		
36) 4-Chloro-3-methylphenol	8.81	107	480227	50.59	ng		97
37) 2-Methylnaphthalene	8.98	142	1005812	51.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	372865	44.70	ng		99
40) Hexachlorocyclopentadiene	9.13	237	410811	91.31	ng		100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085180.D
Acq On : 4 Mar 2016 2:21
Operator : SJ/UM
Sample : H1648-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MSD

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:07 PM

Quant Time: Mar 04 03:13:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	318599	51.31	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	303733	51.59	ng		98
45) 1,1'-Biphenyl	9.44	154	1063163	42.67	ng		98
46) 2-Chloronaphthalene	9.46	162	849202	44.71	ng	#	91
47) 2-Nitroaniline	9.56	65	271113	46.06	ng		100
48) Acenaphthylene	9.89	152	1464024	49.52	ng		98
49) Dimethylphthalate	9.75	163	1320086	58.97	ng		99
50) 2,6-Dinitrotoluene	9.81	165	260805	54.46	ng	#	79
51) Acenaphthene	10.06	154	962150	53.60	ng		99
52) 3-Nitroaniline	9.97	138	131346	22.92	ng		84
53) 2,4-Dinitrophenol	10.07	184	176783	73.47	ng	#	69
54) Dibenzofuran	10.23	168	1243715	52.89	ng		99
55) 4-Nitrophenol	10.13	139	382697	84.99	ng	#	76
56) 2,4-Dinitrotoluene	10.21	165	329713	53.79	ng		99
57) Fluorene	10.57	166	971451	52.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245912	59.46	ng		98
59) Diethylphthalate	10.45	149	1079404	49.69	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	444582	49.47	ng		96
61) 4-Nitroaniline	10.58	138	226029	42.18	ng		99
62) Azobenzene	10.72	77	1166266	54.49	ng		98
64) 4,6-Dinitro-2-methylphenol	10.62	198	155511	47.62	ng		76
65) n-Nitrosodiphenylamine	10.68	169	796733	46.96	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	280288	52.92	ng		94
67) Hexachlorobenzene	11.12	284	291537	51.60	ng		96
68) Atrazine	11.20	200	250842	53.17	ng		99
69) Pentachlorophenol	11.30	266	305179	97.31	ng		99
70) Phenanthrene	11.53	178	1461873	51.14	ng		100
71) Anthracene	11.58	178	1385450	45.65	ng		99
72) Carbazole	11.74	167	1368930	51.45	ng		98
73) Di-n-butylphthalate	12.06	149	1542250	45.85	ng		99
74) Fluoranthene	12.72	202	1474926	51.41	ng		97
76) Benzidine	12.84	184	388610	38.34	ng		98
77) Pyrene	12.95	202	1496079	58.36	ng		99
79) Butylbenzylphthalate	13.56	149	632681	54.39	ng		99
80) Benzo(a)anthracene	14.13	228	1025674	50.30	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	146980	22.85	ng	#	97
82) Chrysene	14.17	228	1004977	53.35	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	827053	54.03	ng		99
84) Di-n-octyl phthalate	14.73	149	1358103	58.26	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	846610	57.59	ng		100
87) Benzo(b)fluoranthene	15.18	252	785368m	44.07	ng		
88) Benzo(k)fluoranthene	15.21	252	814721m	56.68	ng		
89) Benzo(a)pyrene	15.55	252	754908	51.12	ng	#	94
90) Dibenzo(a,h)anthracene	17.11	278	703011	55.77	ng		96
91) Benzo(g,h,i)perylene	17.53	276	727753	57.41	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085180.D
Acq On : 4 Mar 2016 2:21
Operator : SJ/UM
Sample : H1648-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 04 03:13:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MSD

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:07 PM