Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085179.D
Acq On : 4 Mar 2016 1:53
Operator : SJ/UM
Sample : H1648-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:05 PM

Quant Time: Mar 04 03:10:55 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	155102	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	629152	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	294093	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	547202	20.00	ng		0.00
75) Chrysene-d12	14.14	240	340648	20.00	ng		-0.01
86) Perylene-d12	15.61	264	280663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1333211	144.18	ng		0.01
7) Phenol-d6	6.61	99	1679771	138.66	ng		0.00
23) Nitrobenzene-d5	7.54	82	1145217	97.41	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	382977	152.19	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1689182	87.35	ng		-0.01
78) Terphenyl-d14	13.09	244	1461213	99.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	190530	40.29	ng		100
3) Pyridine	3.51	79	588059	49.69	ng		98
4) n-Nitrosodimethylamine	3.45	42	249422	49.24	ng		100
6) Aniline	6.64	93	357977	21.08	ng		99
8) 2-Chlorophenol	6.77	128	564376	50.70	ng		97
9) Benzaldehyde	6.53	77	208416	35.52	ng		94
10) Phenol	6.62	94	612172m	47.18	ng		
11) bis(2-Chloroethyl)ether	6.71	93	519707	48.23	ng		90
12) 1,3-Dichlorobenzene	6.92	146	539286m	45.12	ng		
13) 1,4-Dichlorobenzene	7.00	146	561741	46.90	ng		98
14) 1,2-Dichlorobenzene	7.16	146	542329	49.90	ng		96
15) Benzyl Alcohol	7.12	79	524874	59.02	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	736658	47.42	ng		99
17) 2-Methylphenol	7.22	107	468679	51.60	ng		95
18) Hexachloroethane	7.50	117	218298	49.40	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	385181	48.78	ng	#	90
20) 3+4-Methylphenols	7.38	107	563898	52.41	ng		90
22) Acetophenone	7.40	105	742331	48.34	ng	#	91
24) Nitrobenzene	7.57	77	639266	53.52	ng	#	88
25) Isophorone	7.81	82	1116051	51.22	ng		96
26) 2-Nitrophenol	7.88	139	275229	47.35	ng	#	68
27) 2,4-Dimethylphenol	7.91	122	492780	46.39	ng		92
28) bis(2-Chloroethoxy)methane	8.01	93	707913	58.34	ng		100
29) 2,4-Dichlorophenol	8.12	162	425023	49.61	ng		87
30) 1,2,4-Trichlorobenzene	8.21	180	480751	51.91	ng		97
31) Naphthalene	8.29	128	1506997	48.71	ng		99
32) Benzoic acid	8.00	122	140460	19.91	ng		99
33) 4-Chloroaniline	8.33	127	141324	11.29	ng	#	92
34) Hexachlorobutadiene	8.40	225	229300	47.58	ng		97
35) Caprolactam	8.70	113	172586m	61.69	ng		
36) 4-Chloro-3-methylphenol	8.81	107	503762	51.84	ng		99
37) 2-Methylnaphthalene	8.98	142	1066152	53.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	389225	46.28	ng		99
40) Hexachlorocyclopentadiene	9.13	237	438859	96.74	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085179.D
Acq On : 4 Mar 2016 1:53
Operator : SJ/UM
Sample : H1648-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:05 PM

Quant Time: Mar 04 03:10:55 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	337801	53.95	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	312799	52.69	ng		97
45) 1,1'-Biphenyl	9.44	154	1108628	44.12	ng		98
46) 2-Chloronaphthalene	9.46	162	886388	46.28	ng	#	91
47) 2-Nitroaniline	9.56	65	279183	47.04	ng		99
48) Acenaphthylene	9.89	152	1526338	51.21	ng		99
49) Dimethylphthalate	9.75	163	1454163	64.42	ng		99
50) 2,6-Dinitrotoluene	9.81	165	269883	55.89	ng	#	82
51) Acenaphthene	10.06	154	1015645	56.12	ng		99
52) 3-Nitroaniline	9.97	138	128116	22.17	ng	#	81
53) 2,4-Dinitrophenol	10.08	184	231637	93.07	ng	#	28
54) Dibenzofuran	10.23	168	1281852	54.06	ng		100
55) 4-Nitrophenol	10.13	139	387002	85.24	ng	#	76
56) 2,4-Dinitrotoluene	10.21	165	336610	54.47	ng		98
57) Fluorene	10.57	166	995245	53.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	255244	61.20	ng		97
59) Diethylphthalate	10.45	149	1147380	52.38	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	454119	50.11	ng		99
61) 4-Nitroaniline	10.58	138	233337	43.18	ng		99
62) Azobenzene	10.72	77	1228716	56.94	ng		99
64) 4,6-Dinitro-2-methylphenol	10.62	198	176085	53.74	ng		79
65) n-Nitrosodiphenylamine	10.68	169	833305	48.96	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	284860	53.61	ng		97
67) Hexachlorobenzene	11.12	284	304235	53.67	ng		97
68) Atrazine	11.20	200	264299	55.84	ng		100
69) Pentachlorophenol	11.32	266	338125	107.47	ng		98
70) Phenanthrene	11.53	178	1472327	51.34	ng		99
71) Anthracene	11.58	178	1445672	47.49	ng		99
72) Carbazole	11.74	167	1437764	53.86	ng		99
73) Di-n-butylphthalate	12.06	149	1663771	49.31	ng		100
74) Fluoranthene	12.72	202	1546193	53.73	ng		98
76) Benzidine	12.84	184	334242	32.97	ng		99
77) Pyrene	12.95	202	1535020	59.87	ng		100
79) Butylbenzylphthalate	13.56	149	661327	56.85	ng		100
80) Benzo(a)anthracene	14.13	228	1087855	53.35	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	158163	24.59	ng	#	97
82) Chrysene	14.17	228	1046964	55.58	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	880156	57.49	ng		100
84) Di-n-octyl phthalate	14.73	149	1447651	62.09	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	872611	59.35	ng		99
87) Benzo(b)fluoranthene	15.18	252	845574m	45.20	ng		
88) Benzo(k)fluoranthene	15.21	252	890935m	59.04	ng		
89) Benzo(a)pyrene	15.55	252	820923	52.96	ng	#	95
90) Dibenzo(a,h)anthracene	17.11	278	731877	55.31	ng		96
91) Benzo(g,h,i)perylene	17.53	276	739743	55.59	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085179.D
Acq On : 4 Mar 2016 1:53
Operator : SJ/UM
Sample : H1648-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 04 03:10:55 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)MS

Manual Integrations APPROVED
Sohil
3/4/2016 4:36:05 PM