Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084246.D
Acq On : 4 Jan 2016 18:35
Operator : UM/SJ
Sample : PB87615BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87615BS

Manual Integrations APPROVED
Sohil
1/5/2016 1:41:15 PM

Quant Time: Jan 05 02:47:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	269228	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1104175	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	530908	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	967558	20.00	ng		0.00
75) Chrysene-d12	14.05	240	551729	20.00	ng		-0.01
86) Perylene-d12	15.49	264	531877	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1807030	108.56	ng		0.02
7) Phenol-d6	6.54	99	2321842	111.07	ng		0.01
23) Nitrobenzene-d5	7.46	82	1510740	76.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	581145	108.42	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2747785	91.53	ng		0.00
78) Terphenyl-d14	13.00	244	2305670	93.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	269844	34.22	ng	#	74
3) Pyridine	3.36	79	735840	33.47	ng	#	73
4) n-Nitrosodimethylamine	3.30	42	452956	40.14	ng		82
6) Aniline	6.56	93	644817	21.09	ng	#	1
8) 2-Chlorophenol	6.68	128	758897	40.19	ng		89
9) Benzaldehyde	6.44	77	206314	15.16	ng		87
10) Phenol	6.56	94	927079	39.00	ng		86
11) bis(2-Chloroethyl)ether	6.64	93	796369	43.25	ng		93
12) 1,3-Dichlorobenzene	6.83	146	770619	39.56	ng	#	93
13) 1,4-Dichlorobenzene	6.91	146	826316	42.30	ng		95
14) 1,2-Dichlorobenzene	7.06	146	701753	37.51	ng		95
15) Benzyl Alcohol	7.04	79	691650	39.33	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1257713	37.51	ng		89
17) 2-Methylphenol	7.16	107	644565	40.72	ng	#	91
18) Hexachloroethane	7.40	117	311119	39.83	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	534045	37.74	ng	#	68
20) 3+4-Methylphenols	7.31	107	802239	43.12	ng	#	55
22) Acetophenone	7.31	105	1092275	41.14	ng	#	93
24) Nitrobenzene	7.48	77	906798	45.06	ng		94
25) Isophorone	7.72	82	1515750	39.95	ng		98
26) 2-Nitrophenol	7.79	139	401853	43.88	ng	#	76
27) 2,4-Dimethylphenol	7.85	122	789891	42.61	ng		90
28) bis(2-Chloroethoxy)methane	7.93	93	936773	40.42	ng		98
29) 2,4-Dichlorophenol	8.04	162	644238	41.72	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	685923	43.03	ng		96
31) Naphthalene	8.20	128	2114597	42.21	ng		99
32) Benzoic acid	7.97	122	489987	41.99	ng		97
33) 4-Chloroaniline	8.25	127	312817	13.62	ng		97
34) Hexachlorobutadiene	8.32	225	378148	41.27	ng		98
35) Caprolactam	8.64	113	218304m	41.94	ng		
36) 4-Chloro-3-methylphenol	8.75	107	758683	43.86	ng		99
37) 2-Methylnaphthalene	8.90	142	1511360	42.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	612579	40.14	ng	#	96
40) Hexachlorocyclopentadiene	9.05	237	718376	77.97	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084246.D
Acq On : 4 Jan 2016 18:35
Operator : UM/SJ
Sample : PB87615BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Manual Integrations APPROVED
Sohil
1/5/2016 1:41:15 PM

Quant Time: Jan 05 02:47:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	445303	39.00	ng		96
43) 2,4,5-Trichlorophenol	9.22	196	437002	39.92	ng	#	84
45) 1,1'-Biphenyl	9.36	154	1673025	39.65	ng		98
46) 2-Chloronaphthalene	9.38	162	1319971	39.83	ng		97
47) 2-Nitroaniline	9.48	65	445958	40.77	ng		98
48) Acenaphthylene	9.80	152	2130746	43.51	ng		96
49) Dimethylphthalate	9.66	163	1509500	39.77	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	318714	38.29	ng	#	40
51) Acenaphthene	9.97	154	1592762	48.49	ng		97
52) 3-Nitroaniline	9.89	138	222913	21.61	ng		92
53) 2,4-Dinitrophenol	10.00	184	318592	89.41	ng	#	77
54) Dibenzofuran	10.14	168	1853598	43.47	ng		92
55) 4-Nitrophenol	10.08	139	639368	85.39	ng	#	87
56) 2,4-Dinitrotoluene	10.12	165	475317	45.11	ng	#	78
57) Fluorene	10.49	166	1468381	44.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	360158	38.54	ng		93
59) Diethylphthalate	10.36	149	1487500	39.75	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	611112	43.82	ng		91
61) 4-Nitroaniline	10.51	138	339103	36.88	ng		95
62) Azobenzene	10.64	77	1684592	41.04	ng		88
64) 4,6-Dinitro-2-methylphenol	10.53	198	242625	41.06	ng		83
65) n-Nitrosodiphenylamine	10.60	169	1333943	43.12	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	425208	40.83	ng	#	81
67) Hexachlorobenzene	11.04	284	483747	41.27	ng	#	86
68) Atrazine	11.13	200	387234	38.25	ng		97
69) Pentachlorophenol	11.23	266	435291	71.62	ng		99
70) Phenanthrene	11.45	178	2125423	42.00	ng		96
71) Anthracene	11.49	178	2119982	42.73	ng		98
72) Carbazole	11.65	167	1651819	34.06	ng		97
73) Di-n-butylphthalate	11.99	149	2178360	41.38	ng	#	95
74) Fluoranthene	12.64	202	2125189	40.20	ng		94
76) Benzidine	12.75	184	440410	22.26	ng		98
77) Pyrene	12.87	202	2091332	48.30	ng		99
79) Butylbenzylphthalate	13.48	149	787463	42.03	ng		89
80) Benzo(a)anthracene	14.04	228	1399097	43.19	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	299494	26.49	ng	#	94
82) Chrysene	14.09	228	1374077	44.14	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	914420	38.63	ng		99
84) Di-n-octyl phthalate	14.66	149	1629470	40.78	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.92	276	1510043	61.19	ng		99
87) Benzo(b)fluoranthene	15.08	252	1363587	39.19	ng		97
88) Benzo(k)fluoranthene	15.12	252	1296313m	45.56	ng		
89) Benzo(a)pyrene	15.44	252	1276702	43.26	ng	#	96
90) Dibenzo(a,h)anthracene	16.95	278	1244454	49.01	ng	#	94
91) Benzo(g,h,i)perylene	17.35	276	1258351	47.85	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084246.D
Acq On : 4 Jan 2016 18:35
Operator : UM/SJ
Sample : PB87615BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 05 02:47:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB87615BS

Manual Integrations APPROVED
Sohil
1/5/2016 1:41:15 PM