Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088103.D
Acq On : 17 Jun 2016 20:04
Operator : UM/SJ
Sample : PB91310BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91310BSD

Manual Integrations APPROVED
sohil
6/20/2016 6:50:39 PM

Quant Time: Jun 18 00:51:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107601	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	463031	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	219153	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	377472	20.00	ng		0.00
75) Chrysene-d12	13.85	240	223200	20.00	ng		0.00
86) Perylene-d12	15.22	264	208094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	426815	67.81	ng		0.01
7) Phenol-d6	6.34	99	564961	74.06	ng		-0.01
23) Nitrobenzene-d5	7.27	82	477367	60.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	128732	55.63	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	932858	65.61	ng		-0.01
78) Terphenyl-d14	12.80	244	784425	79.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	88259	28.86	ng	#	38
3) Pyridine	2.95	79	201963	27.97	ng		91
4) n-Nitrosodimethylamine	2.90	42	97048	31.73	ng		79
6) Aniline	6.36	93	193719	17.84	ng	#	27
8) 2-Chlorophenol	6.48	128	277202	37.21	ng		96
10) Phenol	6.36	94	298130	37.44	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	259410	38.78	ng		93
12) 1,3-Dichlorobenzene	6.64	146	279642m	34.98	ng		
13) 1,4-Dichlorobenzene	6.72	146	286819	35.62	ng		95
14) 1,2-Dichlorobenzene	6.87	146	270557m	36.95	ng		
15) Benzyl Alcohol	6.86	79	192368	32.23	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	310341	34.34	ng		73
17) 2-Methylphenol	6.97	107	225418	37.31	ng		99
18) Hexachloroethane	7.21	117	107072	37.47	ng		100
19) n-Nitroso-di-n-propylamine	7.12	70	176736	36.22	ng		90
20) 3+4-Methylphenols	7.13	107	278944	39.57	ng	#	77
22) Acetophenone	7.12	105	362245	35.01	ng		97
24) Nitrobenzene	7.29	77	292179	38.04	ng		100
25) Isophorone	7.53	82	515246	35.08	ng		98
26) 2-Nitrophenol	7.61	139	152532	37.07	ng	#	70
27) 2,4-Dimethylphenol	7.66	122	278720	36.79	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	353441	38.80	ng		98
29) 2,4-Dichlorophenol	7.85	162	238414	37.69	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	239811	34.82	ng		98
31) Naphthalene	8.01	128	823025	35.92	ng		98
32) Benzoic acid	7.80	122	147825	35.44	ng		95
33) 4-Chloroaniline	8.07	127	42634	4.17	ng		96
34) Hexachlorobutadiene	8.12	225	123021	33.87	ng		98
35) Caprolactam	8.44	113	79023m	37.72	ng		
36) 4-Chloro-3-methylphenol	8.56	107	230069	34.01	ng		99
37) 2-Methylnaphthalene	8.70	142	511355m	33.86	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	225837	37.43	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	165905	46.93	ng		98
42) 2,4,6-Trichlorophenol	8.98	196	143704	32.79	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088103.D
Acq On : 17 Jun 2016 20:04
Operator : UM/SJ
Sample : PB91310BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91310BSD

Manual Integrations APPROVED
sohil
6/20/2016 6:50:39 PM

Quant Time: Jun 18 00:51:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	148861	32.65	ng	#	84
45) 1,1'-Biphenyl	9.16	154	646649	38.40	ng		98
46) 2-Chloronaphthalene	9.19	162	513916	36.24	ng		97
47) 2-Nitroaniline	9.29	65	152529	36.46	ng	#	76
48) Acenaphthylene	9.60	152	764336	33.88	ng		99
49) Dimethylphthalate	9.47	163	589790	37.15	ng		100
50) 2,6-Dinitrotoluene	9.53	165	121698	33.47	ng	#	64
51) Acenaphthene	9.77	154	458389	32.57	ng		99
52) 3-Nitroaniline	9.70	138	63441	15.12	ng	#	75
53) 2,4-Dinitrophenol	9.82	184	108289	58.61	ng	#	74
54) Dibenzofuran	9.94	168	598366	30.88	ng	#	89
55) 4-Nitrophenol	9.87	139	149897	46.04	ng		95
56) 2,4-Dinitrotoluene	9.94	165	163446	34.98	ng	#	82
57) Fluorene	10.28	166	515775	38.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	127747	35.65	ng	#	58
59) Diethylphthalate	10.17	149	586765	36.51	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	201047	31.20	ng		92
61) 4-Nitroaniline	10.32	138	141985	35.68	ng		92
62) Azobenzene	10.43	77	530231	33.37	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	81969	35.38	ng		94
65) n-Nitrosodiphenylamine	10.40	169	461180	36.82	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	148487	36.67	ng	#	91
67) Hexachlorobenzene	10.83	284	153635	36.51	ng	#	71
68) Atrazine	10.94	200	136598	36.01	ng		100
69) Pentachlorophenol	11.03	266	134505	60.64	ng		97
70) Phenanthrene	11.24	178	724733	36.59	ng		99
71) Anthracene	11.29	178	695120	34.79	ng		100
72) Carbazole	11.45	167	707151	37.82	ng		99
73) Di-n-butylphthalate	11.78	149	796692	33.66	ng		99
74) Fluoranthene	12.42	202	712901	34.10	ng		98
76) Benzidine	12.55	184	293009	47.41	ng		99
77) Pyrene	12.65	202	730918	44.13	ng		99
79) Butylbenzylphthalate	13.27	149	346511	47.32	ng	#	79
80) Benzo(a)anthracene	13.83	228	499689	39.29	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	84254	24.63	ng	#	95
82) Chrysene	13.87	228	558339	46.66	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	415368	46.60	ng	#	97
84) Di-n-octyl phthalate	14.45	149	746953	51.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	465461	41.87	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	497690m	34.31	ng		
88) Benzo(k)fluoranthene	14.87	252	418067m	38.21	ng		
89) Benzo(a)pyrene	15.18	252	444113	37.85	ng	#	93
90) Dibenzo(a,h)anthracene	16.54	278	384387	35.27	ng		96
91) Benzo(g,h,i)perylene	16.93	276	410232	36.59	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088103.D
Acq On : 17 Jun 2016 20:04
Operator : UM/SJ
Sample : PB91310BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 18 00:51:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB91310BSD

Manual Integrations APPROVED
sohil
6/20/2016 6:50:39 PM