Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088234.D
Acq On : 22 Jun 2016 1:36
Operator : UM/SJ
Sample : PB91495BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Manual Integrations APPROVED
sohil
6/22/2016 6:08:00 PM

Quant Time: Jun 22 03:48:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	86183	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	345710	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	164238	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	293152	20.00	ng		0.00
75) Chrysene-d12	13.79	240	203367	20.00	ng		0.00
86) Perylene-d12	15.17	264	174425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	640304	127.01	ng		0.01
7) Phenol-d6	6.31	99	742042	121.45	ng		0.00
23) Nitrobenzene-d5	7.22	82	442130	74.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	163524	94.30	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	827416	78.73	ng		0.00
78) Terphenyl-d14	12.75	244	764088	85.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	78146	31.90	ng	#	35
3) Pyridine	2.84	79	234317	40.51	ng		97
4) n-Nitrosodimethylamine	2.81	42	91826	37.49	ng	#	78
6) Aniline	6.32	93	173001	19.89	ng	#	8
8) 2-Chlorophenol	6.44	128	247502	41.48	ng		83
10) Phenol	6.32	94	243534	38.23	ng	#	49
11) bis(2-Chloroethyl)ether	6.40	93	245431	45.81	ng		85
12) 1,3-Dichlorobenzene	6.59	146	259133m	40.48	ng		
13) 1,4-Dichlorobenzene	6.67	146	257219	39.88	ng		96
14) 1,2-Dichlorobenzene	6.82	146	245492	41.86	ng		95
15) Benzyl Alcohol	6.81	79	177198	37.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	253429	35.01	ng	#	1
17) 2-Methylphenol	6.94	107	196073	40.52	ng	#	94
18) Hexachloroethane	7.15	117	93735	40.96	ng	#	83
19) n-Nitroso-di-n-propylamine	7.08	70	155104	39.68	ng	#	76
20) 3+4-Methylphenols	7.08	107	251654	44.57	ng	#	82
22) Acetophenone	7.07	105	335537	43.43	ng		98
24) Nitrobenzene	7.24	77	259608	45.27	ng		97
25) Isophorone	7.48	82	446736	40.74	ng		97
26) 2-Nitrophenol	7.56	139	137064	44.62	ng	#	73
27) 2,4-Dimethylphenol	7.61	122	223459	39.51	ng		94
28) bis(2-Chloroethoxy)methane	7.70	93	301787	44.37	ng		98
29) 2,4-Dichlorophenol	7.80	162	201351	42.64	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	212624	41.35	ng		98
31) Naphthalene	7.95	128	693837	40.56	ng		99
32) Benzoic acid	7.77	122	117762	37.81	ng		92
33) 4-Chloroaniline	8.02	127	105330	13.79	ng	#	92
34) Hexachlorobutadiene	8.08	225	114272	42.14	ng		99
35) Caprolactam	8.40	113	66311m	42.39	ng		
36) 4-Chloro-3-methylphenol	8.52	107	223897	44.33	ng		91
37) 2-Methylnaphthalene	8.65	142	476416	42.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	199611	47.65	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	113926	43.00	ng		100
42) 2,4,6-Trichlorophenol	8.94	196	123455	37.59	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088234.D
Acq On : 22 Jun 2016 1:36
Operator : UM/SJ
Sample : PB91495BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Manual Integrations APPROVED
sohil
6/22/2016 6:08:00 PM

Quant Time: Jun 22 03:48:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	126030	36.88	ng		98
45) 1,1'-Biphenyl	9.12	154	578242	47.21	ng		96
46) 2-Chloronaphthalene	9.14	162	448647	42.21	ng		93
47) 2-Nitroaniline	9.24	65	126848	40.46	ng	#	82
48) Acenaphthylene	9.55	152	692481	40.96	ng		99
49) Dimethylphthalate	9.43	163	510535	42.91	ng		100
50) 2,6-Dinitrotoluene	9.48	165	109529	40.20	ng	#	60
51) Acenaphthene	9.72	154	415111	39.36	ng		99
52) 3-Nitroaniline	9.66	138	64846	20.63	ng		90
53) 2,4-Dinitrophenol	9.77	184	97488	68.00	ng		98
54) Dibenzofuran	9.90	168	570690	39.29	ng		92
55) 4-Nitrophenol	9.85	139	120835	49.52	ng	#	76
56) 2,4-Dinitrotoluene	9.90	165	139927	39.96	ng	#	60
57) Fluorene	10.24	166	477156	49.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	110676	41.22	ng	#	58
59) Diethylphthalate	10.12	149	484752	40.25	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	182813	37.85	ng		94
61) 4-Nitroaniline	10.27	138	107658	36.10	ng		98
62) Azobenzene	10.39	77	473810	39.79	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	77739	42.73	ng	#	64
65) n-Nitrosodiphenylamine	10.35	169	408013	41.94	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	133721	42.52	ng		97
67) Hexachlorobenzene	10.78	284	131309	40.18	ng		93
68) Atrazine	10.89	200	116735	39.63	ng		98
69) Pentachlorophenol	10.98	266	102393	59.44	ng		97
70) Phenanthrene	11.19	178	636870	41.40	ng		100
71) Anthracene	11.25	178	688933	44.40	ng		99
72) Carbazole	11.41	167	651426	44.86	ng		99
73) Di-n-butylphthalate	11.74	149	728089	39.61	ng		99
74) Fluoranthene	12.38	202	699311	43.08	ng		96
76) Benzidine	12.50	184	205508	36.50	ng		98
77) Pyrene	12.59	202	672420	44.56	ng		99
79) Butylbenzylphthalate	13.22	149	316466	47.43	ng		87
80) Benzo(a)anthracene	13.78	228	496529	42.84	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	106857	34.29	ng	#	94
82) Chrysene	13.83	228	528929	48.51	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	365837	45.04	ng		99
84) Di-n-octyl phthalate	14.39	149	713514	54.06	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	453341	44.75	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	440083m	36.20	ng		
88) Benzo(k)fluoranthene	14.82	252	474244m	51.71	ng		
89) Benzo(a)pyrene	15.11	252	430665	43.78	ng		99
90) Dibenzo(a,h)anthracene	16.46	278	378142	41.39	ng		99
91) Benzo(g,h,i)perylene	16.83	276	400028	42.57	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088234.D
Acq On : 22 Jun 2016 1:36
Operator : UM/SJ
Sample : PB91495BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 22 03:48:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Manual Integrations APPROVED
sohil
6/22/2016 6:08:00 PM