Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083913.D
Acq On : 18 Dec 2015 15:21
Operator : UM/SJ
Sample : PB87340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Manual Integrations APPROVED
apatel
12/22/2015 11:50:45 AM

Quant Time: Dec 19 04:26:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	52474	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	210564	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	98452	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	191072	20.00	ng		0.00
75) Chrysene-d12	14.03	240	164135	20.00	ng		0.00
86) Perylene-d12	15.47	264	117746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	365238	108.93	ng		0.01
7) Phenol-d6	6.52	99	493715	120.29	ng		0.01
23) Nitrobenzene-d5	7.44	82	320545	86.88	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	147232	135.75	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	592494	84.41	ng		-0.01
78) Terphenyl-d14	12.98	244	651254	93.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	42449	29.18	ng		97
3) Pyridine	3.29	79	112242	31.21	ng		99
4) n-Nitrosodimethylamine	3.23	42	56630	41.28	ng		96
6) Aniline	6.53	93	127659	24.15	ng	#	48
8) 2-Chlorophenol	6.66	128	157904	39.57	ng		92
9) Benzaldehyde	6.41	77	50898	20.58	ng		94
10) Phenol	6.53	94	171170	37.38	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	125727	36.14	ng		95
12) 1,3-Dichlorobenzene	6.81	146	162367m	37.83	ng		
13) 1,4-Dichlorobenzene	6.89	146	165359m	37.74	ng		
14) 1,2-Dichlorobenzene	7.04	146	146312	41.12	ng		97
15) Benzyl Alcohol	7.01	79	131660	42.39	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	130090	36.26	ng		98
17) 2-Methylphenol	7.14	107	118173	37.75	ng		93
18) Hexachloroethane	7.38	117	59498	37.01	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	101472	42.41	ng		93
20) 3+4-Methylphenols	7.29	107	153239	41.66	ng	#	58
22) Acetophenone	7.28	105	205260	40.49	ng		95
24) Nitrobenzene	7.45	77	137454	36.03	ng		97
25) Isophorone	7.69	82	264888	38.16	ng		100
26) 2-Nitrophenol	7.77	139	79040	40.02	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	143913	42.30	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	170832	41.60	ng		98
29) 2,4-Dichlorophenol	8.02	162	132784	43.02	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	128827	38.86	ng		96
31) Naphthalene	8.18	128	439821	41.28	ng		99
32) Benzoic acid	7.95	122	74341	55.79	ng		96
33) 4-Chloroaniline	8.22	127	79390	16.61	ng	#	92
34) Hexachlorobutadiene	8.29	225	71857	34.71	ng		99
35) Caprolactam	8.59	113	40847m	40.05	ng		
36) 4-Chloro-3-methylphenol	8.72	107	142507	40.74	ng		93
37) 2-Methylnaphthalene	8.86	142	293350	40.08	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	127588	41.10	ng		99
40) Hexachlorocyclopentadiene	9.02	237	65539	65.71	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083913.D
Acq On : 18 Dec 2015 15:21
Operator : UM/SJ
Sample : PB87340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Manual Integrations APPROVED
apatel
12/22/2015 11:50:45 AM

Quant Time: Dec 19 04:26:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	87896	42.88	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	91086	44.91	ng	#	93
45) 1,1'-Biphenyl	9.33	154	387097	46.92	ng		97
46) 2-Chloronaphthalene	9.36	162	280859	43.35	ng		95
47) 2-Nitroaniline	9.45	65	72878	37.43	ng		90
48) Acenaphthylene	9.77	152	426838	37.19	ng		99
49) Dimethylphthalate	9.63	163	332048	40.19	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	74110	41.12	ng	#	85
51) Acenaphthene	9.94	154	301587	42.74	ng		99
52) 3-Nitroaniline	9.86	138	42178	22.21	ng		96
53) 2,4-Dinitrophenol	9.97	184	62576	94.56	ng	#	82
54) Dibenzofuran	10.11	168	384573	41.96	ng	#	88
55) 4-Nitrophenol	10.04	139	106244	89.59	ng		87
56) 2,4-Dinitrotoluene	10.10	165	97754	42.32	ng		98
57) Fluorene	10.45	166	302146	43.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	70430m	46.93	ng		
59) Diethylphthalate	10.33	149	340495	39.87	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	137641	39.18	ng	#	87
61) 4-Nitroaniline	10.48	138	68532	34.87	ng		98
62) Azobenzene	10.60	77	328606	45.90	ng		88
64) 4,6-Dinitro-2-methylphenol	10.51	198	48475	41.84	ng		85
65) n-Nitrosodiphenylamine	10.57	169	280742	40.38	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	85379	36.55	ng	#	70
67) Hexachlorobenzene	11.01	284	102564	41.70	ng	#	91
68) Atrazine	11.09	200	82788	37.59	ng		98
69) Pentachlorophenol	11.21	266	91003	86.76	ng		98
70) Phenanthrene	11.41	178	430943	37.33	ng		99
71) Anthracene	11.47	178	491473	44.04	ng		99
72) Carbazole	11.62	167	415900	37.72	ng		100
73) Di-n-butylphthalate	11.95	149	532736	41.12	ng	#	97
74) Fluoranthene	12.60	202	456894	39.66	ng		100
76) Benzidine	12.72	184	157222	23.92	ng		99
77) Pyrene	12.83	202	456714	43.81	ng		99
79) Butylbenzylphthalate	13.45	149	237490	43.47	ng		98
80) Benzo(a)anthracene	14.02	228	394822	39.12	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	87016	23.07	ng	#	94
82) Chrysene	14.05	228	347016	35.60	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	311800	42.74	ng		100
84) Di-n-octyl phthalate	14.63	149	512310	44.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.91	276	287862	39.49	ng		99
87) Benzo(b)fluoranthene	15.06	252	352339m	41.04	ng		
88) Benzo(k)fluoranthene	15.08	252	294216m	41.55	ng		
89) Benzo(a)pyrene	15.41	252	298130	42.06	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	238937	43.33	ng		98
91) Benzo(g,h,i)perylene	17.33	276	241153	44.62	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083913.D
Acq On : 18 Dec 2015 15:21
Operator : UM/SJ
Sample : PB87340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 04:26:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Manual Integrations APPROVED
apatel
12/22/2015 11:50:45 AM