Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081434.D
Acq On : 4 Sep 2015 22:57
Operator : UM/IZ
Sample : G3526-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:57:14 PM

Quant Time: Sep 08 10:23:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	64684	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	252933	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	120837	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	238005	20.00	ng		0.00
75) Chrysene-d12	13.46	240	196107	20.00	ng		0.00
86) Perylene-d12	14.77	264	131731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	505415	121.23	ng		0.01
7) Phenol-d6	6.03	99	717310	129.98	ng		0.00
23) Nitrobenzene-d5	6.94	82	462135	88.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	142730	132.66	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	627705	66.57	ng		-0.01
78) Terphenyl-d14	12.43	244	584051	69.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	71040	37.94	ng	#	91
3) Pyridine	2.28	79	198247	38.40	ng		93
4) n-Nitrosodimethylamine	2.25	42	134207	46.79	ng	#	73
6) Aniline	6.02	93	152268	19.54	ng	#	72
8) 2-Chlorophenol	6.15	128	202243	44.02	ng		86
9) Benzaldehyde	5.90	77	23968	6.93	ng	#	80
10) Phenol	6.04	94	225676	35.26	ng	#	40
11) bis(2-Chloroethyl)ether	6.11	93	196173	42.49	ng		85
12) 1,3-Dichlorobenzene	6.30	146	203826	41.52	ng	#	92
13) 1,4-Dichlorobenzene	6.38	146	198692	39.76	ng	#	90
14) 1,2-Dichlorobenzene	6.52	146	168431	37.43	ng	#	85
15) Benzyl Alcohol	6.52	79	189372	41.83	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.67	45	406915	45.98	ng		81
17) 2-Methylphenol	6.66	107	164347	44.83	ng	#	74
18) Hexachloroethane	6.87	117	76170	39.17	ng		94
19) n-Nitroso-di-n-propylamine	6.81	70	169219	45.05	ng	#	83
20) 3+4-Methylphenols	6.82	107	219947	44.50	ng		89
22) Acetophenone	6.79	105	292990	42.41	ng	#	75
24) Nitrobenzene	6.96	77	251624	46.22	ng	#	63
25) Isophorone	7.21	82	414465	42.50	ng	#	88
26) 2-Nitrophenol	7.28	139	107831	45.44	ng	#	53
27) 2,4-Dimethylphenol	7.35	122	170467	41.59	ng	#	85
28) bis(2-Chloroethoxy)methane	7.43	93	234448	41.62	ng	#	92
29) 2,4-Dichlorophenol	7.53	162	160525	45.17	ng		96
30) 1,2,4-Trichlorobenzene	7.60	180	162905	42.19	ng		98
31) Naphthalene	7.67	128	514824	38.17	ng		98
32) Benzoic acid	7.44	122	2782m	3.44	ng		
33) 4-Chloroaniline	7.74	127	80641	14.66	ng	#	84
34) Hexachlorobutadiene	7.80	225	89982	38.30	ng		98
35) Caprolactam	8.12	113	56884m	52.19	ng		
36) 4-Chloro-3-methylphenol	8.25	107	192914	48.50	ng	#	74
37) 2-Methylnaphthalene	8.36	142	372855	42.47	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	140279	36.71	ng		98
40) Hexachlorocyclopentadiene	8.51	237	139741	74.51	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081434.D
Acq On : 4 Sep 2015 22:57
Operator : UM/IZ
Sample : G3526-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:57:14 PM

Quant Time: Sep 08 10:23:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	101772	38.59	ng		98
43) 2,4,5-Trichlorophenol	8.71	196	106210	39.47	ng	#	93
45) 1,1'-Biphenyl	8.83	154	438194	39.42	ng		95
46) 2-Chloronaphthalene	8.84	162	308156	38.38	ng	#	89
47) 2-Nitroaniline	8.96	65	147810	45.17	ng	#	75
48) Acenaphthylene	9.26	152	553691	38.88	ng		98
49) Dimethylphthalate	9.15	163	530138	56.47	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	80158	37.62	ng	#	1
51) Acenaphthene	9.43	154	317439	39.18	ng		88
52) 3-Nitroaniline	9.37	138	64129	26.44	ng	#	81
53) 2,4-Dinitrophenol	9.47	184	17774	19.80	ng	#	5
54) Dibenzofuran	9.60	168	485437	41.03	ng	#	92
55) 4-Nitrophenol	9.56	139	131582	86.34	ng	#	14
56) 2,4-Dinitrotoluene	9.60	165	104207	38.41	ng	#	13
57) Fluorene	9.93	166	330974	36.86	ng		94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	90652	44.13	ng		90
59) Diethylphthalate	9.84	149	382243	38.71	ng		93
60) 4-Chlorophenyl-phenylether	9.94	204	168460	40.26	ng		98
61) 4-Nitroaniline	9.98	138	84527	34.49	ng	#	23
62) Azobenzene	10.09	77	441749	40.23	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	49915	37.50	ng		85
65) n-Nitrosodiphenylamine	10.06	169	313264	36.17	ng		91
66) 4-Bromophenyl-phenylether	10.42	248	97175	40.38	ng		94
67) Hexachlorobenzene	10.48	284	94430	37.53	ng	#	77
68) Atrazine	10.60	200	114740	45.78	ng		83
69) Pentachlorophenol	10.67	266	91400	75.20	ng		98
70) Phenanthrene	10.88	178	499802	37.77	ng		96
71) Anthracene	10.92	178	496315	36.51	ng		98
72) Carbazole	11.10	167	540062	42.34	ng		95
73) Di-n-butylphthalate	11.45	149	643272	42.70	ng	#	98
74) Fluoranthene	12.04	202	534006	37.28	ng		93
76) Benzidine	12.19	184	162515	19.30	ng		97
77) Pyrene	12.27	202	580913	39.99	ng		97
79) Butylbenzylphthalate	12.93	149	273053	43.22	ng		89
80) Benzo(a)anthracene	13.45	228	472586	37.84	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	93182	22.12	ng		97
82) Chrysene	13.49	228	374885	33.49	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	334616	40.13	ng	#	89
84) Di-n-octyl phthalate	14.09	149	523609	38.14	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	302824	36.87	ng	#	90
87) Benzo(b)fluoranthene	14.45	252	411030m	43.70	ng		
88) Benzo(k)fluoranthene	14.47	252	289021m	37.04	ng		
89) Benzo(a)pyrene	14.72	252	309701	38.86	ng	#	90
90) Dibenzo(a,h)anthracene	15.85	278	254038	41.25	ng	#	84
91) Benzo(g,h,i)perylene	16.16	276	250342	42.59	ng	#	76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081434.D
Acq On : 4 Sep 2015 22:57
Operator : UM/IZ
Sample : G3526-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 08 10:23:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:57:14 PM