Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081127.D
Acq On : 20 Aug 2015 16:31
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85121BS

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:25 PM

Quant Time: Aug 21 01:51:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	73129	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	296454	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	145247	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	283047	20.00	ng		0.00
75) Chrysene-d12	13.71	240	237408	20.00	ng		0.00
86) Perylene-d12	15.04	264	166988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	431854	88.82	ng		0.01
7) Phenol-d6	6.23	99	601121	94.76	ng		0.00
23) Nitrobenzene-d5	7.14	82	382636	58.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	126163	100.20	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	661344	59.66	ng		-0.01
78) Terphenyl-d14	12.66	244	570602	51.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	57993	25.31	ng		97
3) Pyridine	2.69	79	151831	23.48	ng		84
4) n-Nitrosodimethylamine	2.63	42	106582	29.60	ng		86
6) Aniline	6.24	93	161242	17.48	ng	#	1
8) 2-Chlorophenol	6.36	128	157847	29.66	ng		97
9) Benzaldehyde	6.12	77	56723	13.87	ng		88
10) Phenol	6.24	94	249738	33.33	ng		85
11) bis(2-Chloroethyl)ether	6.32	93	177360	30.85	ng		91
12) 1,3-Dichlorobenzene	6.52	146	172598	30.18	ng		98
13) 1,4-Dichlorobenzene	6.60	146	172577	30.48	ng		98
14) 1,2-Dichlorobenzene	6.74	146	159592	30.11	ng		98
15) Benzyl Alcohol	6.73	79	167026	32.54	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	327458	28.99	ng		100
17) 2-Methylphenol	6.86	107	146803	32.15	ng		96
18) Hexachloroethane	7.09	117	66628	29.12	ng		97
19) n-Nitroso-di-n-propylamine	7.01	70	132165	30.08	ng		92
20) 3+4-Methylphenols	7.01	107	179791	31.02	ng	#	53
22) Acetophenone	7.00	105	242706	31.18	ng	#	88
24) Nitrobenzene	7.17	77	214340	31.59	ng		99
25) Isophorone	7.41	82	357840	29.57	ng		98
26) 2-Nitrophenol	7.49	139	91997	32.60	ng	#	68
27) 2,4-Dimethylphenol	7.53	122	151678	30.38	ng		96
28) bis(2-Chloroethoxy)methane	7.64	93	225533	31.55	ng	#	98
29) 2,4-Dichlorophenol	7.73	162	130098	30.95	ng		88
30) 1,2,4-Trichlorobenzene	7.81	180	134554	28.81	ng		98
31) Naphthalene	7.89	128	514856	31.16	ng		99
32) Benzoic acid	7.67	122	109585	39.03	ng		91
33) 4-Chloroaniline	7.94	127	101011	14.49	ng	#	86
34) Hexachlorobutadiene	8.01	225	82915	31.39	ng		97
35) Caprolactam	8.32	113	53975m	36.74	ng		
36) 4-Chloro-3-methylphenol	8.44	107	157014	31.35	ng		98
37) 2-Methylnaphthalene	8.57	142	302062	28.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	133543	28.50	ng	#	98
40) Hexachlorocyclopentadiene	8.73	237	147650	60.87	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081127.D
Acq On : 20 Aug 2015 16:31
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:25 PM

Quant Time: Aug 21 01:51:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	98599	29.78	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	98545	29.78	ng		97
45) 1,1'-Biphenyl	9.04	154	383334	29.96	ng		97
46) 2-Chloronaphthalene	9.06	162	304300	29.61	ng		98
47) 2-Nitroaniline	9.17	65	134391	31.95	ng	#	75
48) Acenaphthylene	9.48	152	525815	28.60	ng		99
49) Dimethylphthalate	9.35	163	330754	27.65	ng		99
50) 2,6-Dinitrotoluene	9.41	165	69923	27.23	ng	#	64
51) Acenaphthene	9.65	154	304737	27.69	ng		99
52) 3-Nitroaniline	9.57	138	54802	17.05	ng		92
53) 2,4-Dinitrophenol	9.68	184	74962	56.38	ng		86
54) Dibenzofuran	9.82	168	457886	31.04	ng		97
55) 4-Nitrophenol	9.75	139	118493	52.49	ng		84
56) 2,4-Dinitrotoluene	9.81	165	93488	27.46	ng	#	66
57) Fluorene	10.15	166	314893	27.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	76464m	29.86	ng		
59) Diethylphthalate	10.05	149	364842	28.82	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	140798	29.32	ng		94
61) 4-Nitroaniline	10.18	138	80358	24.46	ng		93
62) Azobenzene	10.31	77	421745	28.91	ng		97
64) 4,6-Dinitro-2-methylphenol	10.22	198	56961	33.70	ng	#	57
65) n-Nitrosodiphenylamine	10.28	169	294718	29.17	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	90510	32.55	ng	#	85
67) Hexachlorobenzene	10.70	284	88567	31.45	ng	#	91
68) Atrazine	10.81	200	106034	37.67	ng		99
69) Pentachlorophenol	10.89	266	96015	56.83	ng		99
70) Phenanthrene	11.11	178	527052	31.42	ng		100
71) Anthracene	11.16	178	468875	28.72	ng		99
72) Carbazole	11.32	167	464877	29.58	ng		99
73) Di-n-butylphthalate	11.66	149	593012	31.18	ng		98
74) Fluoranthene	12.29	202	583631	32.24	ng		97
76) Benzidine	12.41	184	207929	23.19	ng		99
77) Pyrene	12.50	202	522907	27.09	ng		99
79) Butylbenzylphthalate	13.14	149	253160	30.52	ng	#	68
80) Benzo(a)anthracene	13.69	228	468380	29.42	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	92218	17.88	ng		97
82) Chrysene	13.73	228	415164	28.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.72	149	358617	33.75	ng	#	98
84) Di-n-octyl phthalate	14.32	149	600143	37.16	ng		98
85) Indeno(1,2,3-cd)pyrene	16.24	276	294228	29.21	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	432780m	36.64	ng		
88) Benzo(k)fluoranthene	14.71	252	282908m	25.70	ng		
89) Benzo(a)pyrene	14.99	252	316371	30.74	ng	#	95
90) Dibenzo(a,h)anthracene	16.25	278	245385	30.60	ng	#	94
91) Benzo(g,h,i)perylene	16.61	276	242529	29.81	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081127.D
Acq On : 20 Aug 2015 16:31
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 21 01:51:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:25 PM