Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083201.D
Acq On : 23 Nov 2015 13:39
Operator : UM/IZ
Sample : PB86782BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:19:57 PM

Quant Time: Nov 24 05:26:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	209729	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	826045	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	416138	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	762716	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	650954	20.00	ng		-0.02
86) Perylene-d12	15.14	264	574843	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	941814	67.89	ng		-0.03
7) Phenol-d6	6.31	99	1250369	69.66	ng		-0.03
23) Nitrobenzene-d5	7.21	82	1138475	62.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	289075	67.90	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	1924076	64.47	ng		-0.01
78) Terphenyl-d14	12.74	244	1840551	66.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	193886	28.22	ng	#	90
3) Pyridine	2.86	79	553316	30.49	ng		96
4) n-Nitrosodimethylamine	2.80	42	296483	35.42	ng		96
6) Aniline	6.31	93	520631	23.73	ng	#	85
8) 2-Chlorophenol	6.43	128	529665	35.34	ng		91
9) Benzaldehyde	6.18	77	206416	19.68	ng		97
10) Phenol	6.32	94	729179	33.58	ng		83
11) bis(2-Chloroethyl)ether	6.39	93	570395	36.79	ng		97
12) 1,3-Dichlorobenzene	6.58	146	543842m	31.78	ng		
13) 1,4-Dichlorobenzene	6.66	146	549361m	31.74	ng		
14) 1,2-Dichlorobenzene	6.81	146	535958	34.06	ng		99
15) Benzyl Alcohol	6.80	79	470882	31.39	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.94	45	972665	40.23	ng	#	68
17) 2-Methylphenol	6.92	107	426823	34.42	ng		97
18) Hexachloroethane	7.15	117	203754	33.42	ng		92
19) n-Nitroso-di-n-propylamine	7.07	70	444988	35.62	ng		95
20) 3+4-Methylphenols	7.08	107	583309	37.21	ng		95
22) Acetophenone	7.06	105	756872	31.92	ng	#	96
24) Nitrobenzene	7.23	77	657155	34.02	ng		95
25) Isophorone	7.47	82	1103434	32.24	ng		97
26) 2-Nitrophenol	7.55	139	274679	32.21	ng		97
27) 2,4-Dimethylphenol	7.61	122	485265	35.66	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	652338	32.78	ng		99
29) 2,4-Dichlorophenol	7.80	162	457303	35.33	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	460544	32.39	ng		96
31) Naphthalene	7.95	128	1475030	33.09	ng		100
32) Benzoic acid	7.76	122	308489	29.16	ng		97
33) 4-Chloroaniline	8.01	127	304950	17.63	ng		95
34) Hexachlorobutadiene	8.08	225	266574	31.73	ng		97
35) Caprolactam	8.39	113	141846m	34.19	ng		
36) 4-Chloro-3-methylphenol	8.51	107	476562	31.79	ng		89
37) 2-Methylnaphthalene	8.64	142	913518	31.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	435531	32.29	ng		98
40) Hexachlorocyclopentadiene	8.80	237	461815	60.22	ng		98

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Quant Time: Nov 24 05:26:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	310480	32.14	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	340438	34.47	ng		99
45) 1,1'-Biphenyl	9.11	154	1163514	32.85	ng		98
46) 2-Chloronaphthalene	9.13	162	944392	33.95	ng		97
47) 2-Nitroaniline	9.23	65	347432	35.30	ng		94
48) Acenaphthylene	9.54	152	1485759	34.46	ng		100
49) Dimethylphthalate	9.42	163	1037292	32.38	ng		100
50) 2,6-Dinitrotoluene	9.47	165	226743	31.54	ng		97
51) Acenaphthene	9.71	154	891986	34.00	ng		99
52) 3-Nitroaniline	9.64	138	163771	21.37	ng	#	72
53) 2,4-Dinitrophenol	9.75	184	275264	66.46	ng	#	83
54) Dibenzofuran	9.88	168	1277632	34.44	ng		100
55) 4-Nitrophenol	9.84	139	408934	69.58	ng		88
56) 2,4-Dinitrotoluene	9.87	165	303024	33.27	ng		95
57) Fluorene	10.23	166	1054498	34.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	272104	33.58	ng		99
59) Diethylphthalate	10.11	149	975503	30.59	ng		96
60) 4-Chlorophenyl-phenylether	10.22	204	444691	31.67	ng		98
61) 4-Nitroaniline	10.26	138	255325	33.84	ng		95
62) Azobenzene	10.38	77	1239860	34.06	ng		98
64) 4,6-Dinitro-2-methylphenol	10.28	198	193676	36.85	ng		94
65) n-Nitrosodiphenylamine	10.34	169	851524	32.83	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	301808	35.66	ng		96
67) Hexachlorobenzene	10.76	284	308906	33.14	ng	#	85
68) Atrazine	10.88	200	289785	38.47	ng		99
69) Pentachlorophenol	10.97	266	371050	61.12	ng		100
70) Phenanthrene	11.18	178	1451623	33.03	ng		99
71) Anthracene	11.23	178	1580336	35.25	ng		100
72) Carbazole	11.39	167	1439091	36.11	ng		99
73) Di-n-butylphthalate	11.74	149	1571466	32.31	ng	#	97
74) Fluoranthene	12.35	202	1504435	33.45	ng		96
76) Benzidine	12.49	184	698518	40.94	ng		100
77) Pyrene	12.58	202	1534991	34.52	ng		100
79) Butylbenzylphthalate	13.22	149	691149	32.84	ng	#	86
80) Benzo(a)anthracene	13.77	228	1398433	34.74	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	318512	22.73	ng	#	97
82) Chrysene	13.81	228	1243791m	33.31	ng		
83) Bis(2-ethylhexyl)phthalate	13.78	149	893686	32.51	ng	#	98
84) Di-n-octyl phthalate	14.39	149	1480757	31.29	ng		96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1092561	32.17	ng		96
87) Benzo(b)fluoranthene	14.78	252	1511119m	38.47	ng		
88) Benzo(k)fluoranthene	14.80	252	880629m	30.09	ng		
89) Benzo(a)pyrene	15.09	252	1100785	33.95	ng	#	95
90) Dibenzo(a,h)anthracene	16.41	278	924863	31.40	ng		97
91) Benzo(g,h,i)perylene	16.78	276	896417	31.17	ng		96

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

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