Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083235.D
Acq On : 24 Nov 2015 14:22
Operator : UM/IZ
Sample : PB86743BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Manual Integrations APPROVED
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11/25/2015 12:54:27 PM

Quant Time: Nov 24 16:11:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	183698	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	707955	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	373728	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	700471	20.00	ng		0.00
75) Chrysene-d12	13.76	240	592027	20.00	ng		0.00
86) Perylene-d12	15.12	264	418851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1241926	102.21	ng		0.02
7) Phenol-d6	6.28	99	1635827	104.05	ng		0.00
23) Nitrobenzene-d5	7.19	82	1084465	70.00	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	357539	93.51	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1584035	59.10	ng		-0.01
78) Terphenyl-d14	12.72	244	1696153	67.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	159227	26.46	ng	#	86
3) Pyridine	2.78	79	395563	24.88	ng		94
4) n-Nitrosodimethylamine	2.72	42	251584	34.31	ng		92
6) Aniline	6.27	93	456581	23.76	ng		94
8) 2-Chlorophenol	6.40	128	409810	31.22	ng		91
9) Benzaldehyde	6.15	77	291372	35.88	ng		92
10) Phenol	6.30	94	665012	34.97	ng	#	76
11) bis(2-Chloroethyl)ether	6.35	93	459851	33.86	ng		93
12) 1,3-Dichlorobenzene	6.55	146	447948	29.89	ng		96
13) 1,4-Dichlorobenzene	6.63	146	481295	31.74	ng		97
14) 1,2-Dichlorobenzene	6.79	146	422624	30.67	ng		96
15) Benzyl Alcohol	6.78	79	433845	33.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	809079	38.21	ng		95
17) 2-Methylphenol	6.90	107	363465	33.46	ng		95
18) Hexachloroethane	7.12	117	164552	30.81	ng	#	79
19) n-Nitroso-di-n-propylamine	7.04	70	341320	31.20	ng		98
20) 3+4-Methylphenols	7.06	107	496018	36.12	ng		98
22) Acetophenone	7.03	105	615704	30.29	ng	#	97
24) Nitrobenzene	7.20	77	496127	29.97	ng		98
25) Isophorone	7.45	82	933827	31.83	ng		98
26) 2-Nitrophenol	7.52	139	210731	28.83	ng	#	80
27) 2,4-Dimethylphenol	7.59	122	389895	33.43	ng		92
28) bis(2-Chloroethoxy)methane	7.67	93	570905	33.47	ng		99
29) 2,4-Dichlorophenol	7.78	162	356136	32.10	ng		92
30) 1,2,4-Trichlorobenzene	7.85	180	380772	31.25	ng		98
31) Naphthalene	7.92	128	1175704	30.77	ng		100
32) Benzoic acid	7.72	122	236144	26.05	ng		95
33) 4-Chloroaniline	7.99	127	228137	15.39	ng	#	90
34) Hexachlorobutadiene	8.06	225	213985	29.71	ng		98
35) Caprolactam	8.35	113	114967	32.34	ng	#	90
36) 4-Chloro-3-methylphenol	8.49	107	411929	32.06	ng		92
37) 2-Methylnaphthalene	8.62	142	806858	32.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	374045	30.88	ng		97
40) Hexachlorocyclopentadiene	8.78	237	392269	56.95	ng		100

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Quant Time: Nov 24 16:11:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	247670	28.55	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	274451	30.94	ng	#	87
45) 1,1'-Biphenyl	9.08	154	996152	31.32	ng		99
46) 2-Chloronaphthalene	9.11	162	746869	29.89	ng		99
47) 2-Nitroaniline	9.21	65	309310	35.00	ng		88
48) Acenaphthylene	9.52	152	1216207	31.41	ng		98
49) Dimethylphthalate	9.39	163	871127	30.28	ng		99
50) 2,6-Dinitrotoluene	9.45	165	203438	31.51	ng		87
51) Acenaphthene	9.69	154	714727	30.33	ng		98
52) 3-Nitroaniline	9.62	138	129305	18.79	ng		84
53) 2,4-Dinitrophenol	9.72	184	205498	55.25	ng		87
54) Dibenzofuran	9.86	168	1105893	33.19	ng		98
55) 4-Nitrophenol	9.82	139	342033	64.80	ng	#	81
56) 2,4-Dinitrotoluene	9.85	165	246614	30.15	ng		95
57) Fluorene	10.20	166	835030	30.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	228448	31.40	ng		97
59) Diethylphthalate	10.09	149	853215	29.79	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	379242	30.07	ng		98
61) 4-Nitroaniline	10.24	138	216234	31.91	ng		94
62) Azobenzene	10.35	77	1063967	32.55	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	157609	32.66	ng		95
65) n-Nitrosodiphenylamine	10.32	169	740618	31.09	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	247793	31.88	ng		98
67) Hexachlorobenzene	10.74	284	256539	29.97	ng	#	90
68) Atrazine	10.86	200	259051	37.45	ng		98
69) Pentachlorophenol	10.95	266	304150	54.55	ng		96
70) Phenanthrene	11.15	178	1271383	31.50	ng		99
71) Anthracene	11.20	178	1280408	31.10	ng		99
72) Carbazole	11.37	167	1208136	33.01	ng		98
73) Di-n-butylphthalate	11.71	149	1378004	30.85	ng		98
74) Fluoranthene	12.33	202	1272917	30.82	ng		96
76) Benzidine	12.47	184	540373	34.83	ng		99
77) Pyrene	12.56	202	1283156	31.72	ng		98
79) Butylbenzylphthalate	13.20	149	599549	31.32	ng		99
80) Benzo(a)anthracene	13.75	228	1175205	32.10	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	217457	17.06	ng		97
82) Chrysene	13.78	228	947682	27.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	742718	29.71	ng	#	94
84) Di-n-octyl phthalate	14.38	149	1120895	26.04	ng		96
85) Indeno(1,2,3-cd)pyrene	16.37	276	798364	25.85	ng		96
87) Benzo(b)fluoranthene	14.75	252	980420m	34.26	ng		
88) Benzo(k)fluoranthene	14.78	252	708004m	33.20	ng		
89) Benzo(a)pyrene	15.06	252	764273	32.35	ng	#	95
90) Dibenzo(a,h)anthracene	16.38	278	684605	31.90	ng		98
91) Benzo(g,h,i)perylene	16.73	276	683408	32.62	ng	#	94

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

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