Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083607.D
Acq On : 8 Dec 2015 21:21
Operator : UM/IZ
Sample : PB87111BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87111BS

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:24 PM

Quant Time: Dec 17 10:20:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	136274	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	545003	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	269919	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	505068	20.00	ng		0.00
75) Chrysene-d12	16.99	240	421432	20.00	ng		0.00
86) Perylene-d12	18.64	264	336598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	1179655	131.30	ng		0.02
7) Phenol-d6	5.28	99	1514702	126.17	ng		0.00
23) Nitrobenzene-d5	6.53	82	964708	82.59	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	306147	127.31	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1603021	83.59	ng		0.00
78) Terphenyl-d14	15.41	244	1562198	87.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	165137	37.20	ng	#	83
3) Pyridine	2.32	79	492478	45.67	ng		97
4) n-Nitrosodimethylamine	2.28	42	258861	45.59	ng		94
6) Aniline	5.26	93	387545	26.20	ng	#	89
8) 2-Chlorophenol	5.42	128	434899	44.26	ng		94
9) Benzaldehyde	5.12	77	117586	15.51	ng		98
10) Phenol	5.29	94	646020	44.43	ng		81
11) bis(2-Chloroethyl)ether	5.36	93	440513	41.18	ng		97
12) 1,3-Dichlorobenzene	5.61	146	462757	42.26	ng		96
13) 1,4-Dichlorobenzene	5.72	146	473110	42.11	ng		97
14) 1,2-Dichlorobenzene	5.94	146	457365	43.86	ng		97
15) Benzyl Alcohol	5.95	79	431335	50.50	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	831508	42.03	ng	#	61
17) 2-Methylphenol	6.14	107	371322	46.45	ng		93
18) Hexachloroethane	6.41	117	169572	42.74	ng	#	87
19) n-Nitroso-di-n-propylamine	6.34	70	372616	44.47	ng		97
20) 3+4-Methylphenols	6.38	107	472699	44.90	ng		97
22) Acetophenone	6.32	105	622957	40.75	ng	#	98
24) Nitrobenzene	6.56	77	523300	40.54	ng		97
25) Isophorone	6.93	82	954251	42.10	ng		99
26) 2-Nitrophenol	7.04	139	223292	43.56	ng		97
27) 2,4-Dimethylphenol	7.16	122	396645	44.23	ng		98
28) bis(2-Chloroethoxy)methane	7.29	93	578438	45.96	ng		98
29) 2,4-Dichlorophenol	7.45	162	372601	45.69	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	376784	41.83	ng		97
31) Naphthalene	7.63	128	1237866	42.88	ng		99
32) Benzoic acid	7.48	122	222401	39.28	ng		97
33) 4-Chloroaniline	7.78	127	184637	17.54	ng		95
34) Hexachlorobutadiene	7.84	225	223969	42.56	ng		99
35) Caprolactam	8.37	113	122266m	49.95	ng		
36) 4-Chloro-3-methylphenol	8.62	107	416494	45.46	ng		92
37) 2-Methylnaphthalene	8.73	142	836803	46.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	363972	41.07	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	157499	75.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	223297	42.35	ng		99
43) 2,4,5-Trichlorophenol	9.31	196	235841	45.18	ng	#	89
45) 1,1'-Biphenyl	9.49	154	966389	41.19	ng		100
46) 2-Chloronaphthalene	9.50	162	766691	43.28	ng		96
47) 2-Nitroaniline	9.72	65	297003	46.49	ng		97
48) Acenaphthylene	10.16	152	1248847	42.76	ng		100
49) Dimethylphthalate	10.04	163	949445	44.19	ng		99
50) 2,6-Dinitrotoluene	10.13	165	207914	46.87	ng		85
51) Acenaphthene	10.44	154	739133	44.20	ng		98
52) 3-Nitroaniline	10.41	138	116231	24.65	ng		81
53) 2,4-Dinitrophenol	10.60	184	175488	79.94	ng		99
54) Dibenzofuran	10.73	168	1107704	47.77	ng		97
55) 4-Nitrophenol	10.81	139	201984	97.31	ng		88
56) 2,4-Dinitrotoluene	10.80	165	280729	47.72	ng	#	83
57) Fluorene	11.28	166	893197	44.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.97	232	205191	48.77	ng	#	100
59) Diethylphthalate	11.18	149	923377	44.20	ng		100
60) 4-Chlorophenyl-phenylether	11.30	204	423777	43.99	ng		99
61) 4-Nitroaniline	11.40	138	183156	42.76	ng		87
62) Azobenzene	11.56	77	1144547	49.78	ng		97
64) 4,6-Dinitro-2-methylphenol	11.46	198	141810	41.49	ng		90
65) n-Nitrosodiphenylamine	11.52	169	762029	45.72	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	243616	43.24	ng		98
67) Hexachlorobenzene	12.17	284	274080	45.86	ng	#	89
68) Atrazine	12.44	200	251379	50.69	ng		97
69) Pentachlorophenol	12.53	266	159221	95.83	ng		95
70) Phenanthrene	12.82	178	1313234	45.25	ng		99
71) Anthracene	12.91	178	1355783	45.10	ng		100
72) Carbazole	13.21	167	1208246	46.87	ng		99
73) Di-n-butylphthalate	13.84	149	1502071	46.33	ng		99
74) Fluoranthene	14.75	202	1347817	45.40	ng		100
76) Benzidine	15.03	184	408132	31.13	ng		97
77) Pyrene	15.11	202	1401895	46.20	ng		100
79) Butylbenzylphthalate	16.24	149	627365	46.58	ng		90
80) Benzo(a)anthracene	16.98	228	1136451	46.07	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	261098	31.33	ng		99
82) Chrysene	17.03	228	1100912	44.52	ng		99
83) Bis(2-ethylhexyl)phthalate	17.09	149	869265	46.51	ng		100
84) Di-n-octyl phthalate	17.86	149	1392183	48.74	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	754457	45.20	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	864753m	45.12	ng		
88) Benzo(k)fluoranthene	18.28	252	1002354m	47.46	ng		
89) Benzo(a)pyrene	18.58	252	870489	46.54	ng	#	95
90) Dibenzo(a,h)anthracene	19.86	278	646425	45.20	ng		99
91) Benzo(g,h,i)perylene	20.23	276	608265	43.62	ng		95

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

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