Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082632.D
Acq On : 31 Oct 2015 20:25
Operator : UM/IZ
Sample : PB86353BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:43 PM

Quant Time: Nov 02 06:00:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	232745	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	898350	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	458396	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	848617	20.00	ng		0.00
75) Chrysene-d12	14.08	240	518262	20.00	ng		0.00
86) Perylene-d12	15.54	264	490969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1682385	108.87	ng		0.02
7) Phenol-d6	6.54	99	2222649	108.27	ng		0.01
23) Nitrobenzene-d5	7.47	82	1494523	67.93	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	465267	92.74	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2261910	70.06	ng		0.00
78) Terphenyl-d14	13.03	244	1979959	83.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	204773	28.66	ng		92
3) Pyridine	3.37	79	587149	28.03	ng		99
4) n-Nitrosodimethylamine	3.31	42	331713	28.13	ng		95
6) Aniline	6.57	93	501112	17.53	ng		97
8) 2-Chlorophenol	6.69	128	601519	35.98	ng		92
9) Benzaldehyde	6.44	77	235879	16.83	ng		97
10) Phenol	6.56	94	851135	36.59	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	561885	32.74	ng		98
12) 1,3-Dichlorobenzene	6.84	146	592302	31.07	ng		97
13) 1,4-Dichlorobenzene	6.92	146	631323	33.39	ng		97
14) 1,2-Dichlorobenzene	7.08	146	613253	34.94	ng		96
15) Benzyl Alcohol	7.05	79	627068	32.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	912062	33.44	ng		98
17) 2-Methylphenol	7.16	107	493991	34.75	ng		97
18) Hexachloroethane	7.42	117	242898	32.92	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	460027	29.56	ng		95
20) 3+4-Methylphenols	7.31	107	635127	34.38	ng	#	86
22) Acetophenone	7.31	105	873917	33.04	ng	#	83
24) Nitrobenzene	7.49	77	703416	31.63	ng		95
25) Isophorone	7.73	82	1292040	31.92	ng		99
26) 2-Nitrophenol	7.80	139	273715	33.70	ng		93
27) 2,4-Dimethylphenol	7.85	122	549514	34.66	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	729735	32.96	ng		99
29) 2,4-Dichlorophenol	8.05	162	538022	37.22	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	505911	31.54	ng		99
31) Naphthalene	8.21	128	1479556	30.44	ng		99
32) Benzoic acid	7.97	122	366299	31.84	ng		90
33) 4-Chloroaniline	8.26	127	169439m	8.16	ng		
34) Hexachlorobutadiene	8.34	225	336807	33.02	ng		99
35) Caprolactam	8.64	113	154882	34.93	ng		89
36) 4-Chloro-3-methylphenol	8.75	107	593639	34.88	ng	#	86
37) 2-Methylnaphthalene	8.91	142	1139843	36.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	550728	36.00	ng		99
40) Hexachlorocyclopentadiene	9.07	237	498350	51.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	370042	33.50	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	385924	35.07	ng	#	83
45) 1,1'-Biphenyl	9.38	154	1356225	35.03	ng		98
46) 2-Chloronaphthalene	9.40	162	1074432	35.54	ng		97
47) 2-Nitroaniline	9.48	65	356363	30.32	ng		98
48) Acenaphthylene	9.81	152	1604028	33.17	ng		99
49) Dimethylphthalate	9.68	163	1218398	32.55	ng		100
50) 2,6-Dinitrotoluene	9.73	165	290824	37.48	ng		94
51) Acenaphthene	9.98	154	1081127	35.22	ng		99
52) 3-Nitroaniline	9.89	138	138557	16.05	ng		93
53) 2,4-Dinitrophenol	10.00	184	191109	49.06	ng	#	64
54) Dibenzofuran	10.16	168	1343806	32.26	ng		98
55) 4-Nitrophenol	10.06	139	461484	71.05	ng	#	84
56) 2,4-Dinitrotoluene	10.13	165	346370	33.01	ng		94
57) Fluorene	10.50	166	1111273	33.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	292094	31.41	ng		93
59) Diethylphthalate	10.37	149	1292300	33.91	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	544204	33.32	ng		92
61) 4-Nitroaniline	10.51	138	217674	26.42	ng		96
62) Azobenzene	10.65	77	1435404	33.40	ng		86
64) 4,6-Dinitro-2-methylphenol	10.54	198	171861	33.58	ng		95
65) n-Nitrosodiphenylamine	10.61	169	1051062	36.03	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	325739	33.87	ng	#	67
67) Hexachlorobenzene	11.05	284	354011	33.20	ng	#	88
68) Atrazine	11.14	200	320899	33.62	ng		98
69) Pentachlorophenol	11.24	266	443592	63.09	ng		98
70) Phenanthrene	11.46	178	1535246	32.08	ng		100
71) Anthracene	11.52	178	1716595	35.62	ng		98
72) Carbazole	11.66	167	1511184	36.00	ng		99
73) Di-n-butylphthalate	12.01	149	2066483	38.67	ng		98
74) Fluoranthene	12.65	202	1577688	32.24	ng		98
76) Benzidine	12.76	184	533049	22.81	ng		100
77) Pyrene	12.88	202	1540460	40.14	ng		100
79) Butylbenzylphthalate	13.51	149	789279	46.96	ng		85
80) Benzo(a)anthracene	14.07	228	1135081	34.48	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	265105	23.37	ng	#	96
82) Chrysene	14.10	228	991852	33.24	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1081101	49.61	ng	#	98
84) Di-n-octyl phthalate	14.71	149	1549162	45.58	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	1133540	46.03	ng		99
87) Benzo(b)fluoranthene	15.13	252	1098369m	32.44	ng		
88) Benzo(k)fluoranthene	15.15	252	819024m	31.76	ng		
89) Benzo(a)pyrene	15.48	252	947089	35.52	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	960749	38.62	ng		99
91) Benzo(g,h,i)perylene	17.41	276	913187	37.88	ng		99

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

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