Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082944.D
Acq On : 16 Nov 2015 18:02
Operator : UM/IZ
Sample : PB86620BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86620BSD

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:56:05 PM

Quant Time: Nov 17 07:14:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	198019	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	779228	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	376454	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	750027	20.00	ng		-0.07
75) Chrysene-d12	13.94	240	584944	20.00	ng		-0.08
86) Perylene-d12	15.36	264	599246	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1209913	95.07	ng		-0.05
7) Phenol-d6	6.44	99	1525375	90.16	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1168735	65.26	ng		-0.06
41) 2,4,6-Tribromophenol	10.62	330	399210	92.49	ng		-0.06
44) 2-Fluorobiphenyl	9.15	172	1639123	62.40	ng		-0.07
78) Terphenyl-d14	12.90	244	1875844	76.06	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	165374	30.12	ng		96
3) Pyridine	3.10	79	466706	29.29	ng		93
4) n-Nitrosodimethylamine	3.05	42	236023	29.86	ng	#	74
6) Aniline	6.44	93	355292	14.96	ng	#	54
8) 2-Chlorophenol	6.58	128	460610	32.65	ng		95
9) Benzaldehyde	6.33	77	23371	2.50	ng		83
10) Phenol	6.45	94	498183	25.95	ng		96
11) bis(2-Chloroethyl)ether	6.52	93	431323	30.04	ng		94
12) 1,3-Dichlorobenzene	6.73	146	488267	30.69	ng	#	84
13) 1,4-Dichlorobenzene	6.81	146	475983m	28.75	ng		
14) 1,2-Dichlorobenzene	6.96	146	455790	30.27	ng		99
15) Benzyl Alcohol	6.93	79	395440	26.61	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	693873	32.95	ng		75
17) 2-Methylphenol	7.06	107	354001	29.62	ng		96
18) Hexachloroethane	7.30	117	174915	29.54	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	359297	28.89	ng		88
20) 3+4-Methylphenols	7.22	107	486050	31.29	ng	#	60
22) Acetophenone	7.20	105	621165	27.82	ng	#	99
24) Nitrobenzene	7.37	77	494152	26.98	ng		91
25) Isophorone	7.62	82	964638	29.11	ng		95
26) 2-Nitrophenol	7.69	139	225911	29.55	ng	#	75
27) 2,4-Dimethylphenol	7.74	122	429270	31.25	ng		91
28) bis(2-Chloroethoxy)methane	7.82	93	552987	29.59	ng		97
29) 2,4-Dichlorophenol	7.94	162	387451	31.21	ng		91
30) 1,2,4-Trichlorobenzene	8.02	180	420145	30.10	ng		96
31) Naphthalene	8.10	128	1253826	29.16	ng		98
32) Benzoic acid	7.87	122	253081	26.91	ng		86
33) 4-Chloroaniline	8.14	127	198979	10.74	ng	#	90
34) Hexachlorobutadiene	8.22	225	248709	28.47	ng		99
35) Caprolactam	8.51	113	119991	30.66	ng	#	89
36) 4-Chloro-3-methylphenol	8.65	107	424295	29.06	ng		90
37) 2-Methylnaphthalene	8.78	142	787120	28.30	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	390713	31.58	ng		97
40) Hexachlorocyclopentadiene	8.94	237	446977	67.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	262874	28.47	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	262174	28.71	ng		98
45) 1,1'-Biphenyl	9.25	154	1044143	32.32	ng		96
46) 2-Chloronaphthalene	9.28	162	822434	32.64	ng		99
47) 2-Nitroaniline	9.37	65	259347	27.75	ng		90
48) Acenaphthylene	9.69	152	1194027	30.24	ng		99
49) Dimethylphthalate	9.56	163	992706	32.19	ng		98
50) 2,6-Dinitrotoluene	9.62	165	219105	33.29	ng	#	65
51) Acenaphthene	9.86	154	861638	34.43	ng		99
52) 3-Nitroaniline	9.78	138	106118	14.66	ng	#	81
53) 2,4-Dinitrophenol	9.89	184	258073	71.42	ng	#	9
54) Dibenzofuran	10.03	168	1039069	30.79	ng		94
55) 4-Nitrophenol	9.96	139	323444	58.25	ng	#	80
56) 2,4-Dinitrotoluene	10.02	165	305263	34.19	ng		87
57) Fluorene	10.37	166	833454	30.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	231097	31.00	ng		93
59) Diethylphthalate	10.26	149	958377	31.82	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	429516	31.41	ng		95
61) 4-Nitroaniline	10.40	138	197592	27.15	ng	#	81
62) Azobenzene	10.53	77	1092332	33.77	ng		92
64) 4,6-Dinitro-2-methylphenol	10.43	198	159182	29.79	ng		80
65) n-Nitrosodiphenylamine	10.49	169	730978	26.98	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	248587	27.53	ng	#	73
67) Hexachlorobenzene	10.92	284	270984	26.87	ng	#	82
68) Atrazine	11.02	200	274919	32.81	ng		93
69) Pentachlorophenol	11.13	266	297228	48.54	ng		99
70) Phenanthrene	11.33	178	1326886	30.46	ng		99
71) Anthracene	11.38	178	1267875	27.63	ng		98
72) Carbazole	11.54	167	1101786	27.43	ng		98
73) Di-n-butylphthalate	11.88	149	1567001	31.32	ng	#	98
74) Fluoranthene	12.52	202	1402610	30.01	ng		94
76) Benzidine	12.64	184	428366	21.85	ng		98
77) Pyrene	12.74	202	1393604	34.69	ng		98
79) Butylbenzylphthalate	13.37	149	643821	36.28	ng		93
80) Benzo(a)anthracene	13.93	228	1255431	34.32	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	280326	21.56	ng		99
82) Chrysene	13.97	228	1269458	37.89	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	875006	36.02	ng		99
84) Di-n-octyl phthalate	14.55	149	1544965	38.13	ng		96
85) Indeno(1,2,3-cd)pyrene	16.71	276	1040642	36.07	ng	#	96
87) Benzo(b)fluoranthene	14.96	252	1168556	30.38	ng	#	98
88) Benzo(k)fluoranthene	14.98	252	1014171m	29.72	ng		
89) Benzo(a)pyrene	15.30	252	1064732	31.95	ng	#	98
90) Dibenzo(a,h)anthracene	16.72	278	868775	30.79	ng	#	96
91) Benzo(g,h,i)perylene	17.12	276	857109	31.71	ng		97

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

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