Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083129.D
Acq On : 22 Nov 2015 00:36
Operator : UM/IZ
Sample : PB86781BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86781BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:32 PM

Quant Time: Nov 22 09:41:33 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	6.65	152	212470	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	804603	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	405929	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	754784	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	666426	20.00	ng		-0.01
86) Perylene-d12	15.15	264	602871	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	960418	68.34	ng		-0.01
7) Phenol-d6	6.32	99	1233292	67.82	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1159499	65.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	280065	67.44	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1890987	64.96	ng		0.00
78) Terphenyl-d14	12.75	244	1911283	67.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	193390	27.78	ng	#	92
3) Pyridine	2.98	79	541860	29.47	ng		98
4) n-Nitrosodimethylamine	2.86	42	296941	35.01	ng		99
6) Aniline	6.32	93	505842	22.76	ng	#	86
8) 2-Chlorophenol	6.44	128	514050	33.86	ng		98
9) Benzaldehyde	6.20	77	258438	25.48	ng		92
10) Phenol	6.34	94	696602	31.67	ng	#	74
11) bis(2-Chloroethyl)ether	6.40	93	542952	34.57	ng		99
12) 1,3-Dichlorobenzene	6.59	146	569788m	32.87	ng		
13) 1,4-Dichlorobenzene	6.67	146	567319	32.35	ng		94
14) 1,2-Dichlorobenzene	6.82	146	498010	31.24	ng		96
15) Benzyl Alcohol	6.82	79	493605	32.48	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	867711	35.43	ng		89
17) 2-Methylphenol	6.95	107	421312	33.53	ng		97
18) Hexachloroethane	7.16	117	202120	32.72	ng	#	87
19) n-Nitroso-di-n-propylamine	7.10	70	402665	31.82	ng	#	86
20) 3+4-Methylphenols	7.10	107	574869	36.19	ng		91
22) Acetophenone	7.08	105	736590	31.89	ng	#	92
24) Nitrobenzene	7.24	77	617791	32.84	ng		98
25) Isophorone	7.50	82	1086343	32.58	ng		98
26) 2-Nitrophenol	7.56	139	269816	32.48	ng		93
27) 2,4-Dimethylphenol	7.62	122	457009	34.48	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	670654	34.60	ng		99
29) 2,4-Dichlorophenol	7.82	162	458302	36.35	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	442793	31.97	ng		96
31) Naphthalene	7.96	128	1439194	33.14	ng		98
32) Benzoic acid	7.78	122	336154	32.62	ng		95
33) 4-Chloroaniline	8.03	127	264517	15.70	ng	#	87
34) Hexachlorobutadiene	8.09	225	274574	33.55	ng		100
35) Caprolactam	8.43	113	97017	24.01	ng	#	67
36) 4-Chloro-3-methylphenol	8.52	107	489188	33.50	ng	#	85
37) 2-Methylnaphthalene	8.66	142	934040m	33.14	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	414451	31.50	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	475607	63.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	321916	34.16	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	318977	33.11	ng		99
45) 1,1'-Biphenyl	9.12	154	1112460	32.20	ng		98
46) 2-Chloronaphthalene	9.14	162	915229	33.73	ng		94
47) 2-Nitroaniline	9.24	65	313912	32.70	ng		100
48) Acenaphthylene	9.55	152	1389456	33.04	ng		99
49) Dimethylphthalate	9.44	163	1122451	35.92	ng		98
50) 2,6-Dinitrotoluene	9.48	165	222959	31.80	ng		94
51) Acenaphthene	9.72	154	846668	33.08	ng		99
52) 3-Nitroaniline	9.66	138	135558	18.13	ng	#	63
53) 2,4-Dinitrophenol	9.76	184	280269	69.37	ng	#	86
54) Dibenzofuran	9.90	168	1212974	33.52	ng		97
55) 4-Nitrophenol	9.85	139	372269	64.93	ng		97
56) 2,4-Dinitrotoluene	9.90	165	295274	33.23	ng	#	83
57) Fluorene	10.24	166	1013505	33.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	268229	33.94	ng		97
59) Diethylphthalate	10.14	149	1052123	33.82	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	465925	34.01	ng	#	80
61) 4-Nitroaniline	10.27	138	226019	30.71	ng		91
62) Azobenzene	10.39	77	1251855	35.26	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	191850	36.89	ng		90
65) n-Nitrosodiphenylamine	10.35	169	833470	32.47	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	290762	34.72	ng	#	90
67) Hexachlorobenzene	10.79	284	316248	34.29	ng	#	79
68) Atrazine	10.89	200	272437	36.55	ng		98
69) Pentachlorophenol	10.98	266	382562	63.68	ng		97
70) Phenanthrene	11.19	178	1415932	32.56	ng		100
71) Anthracene	11.24	178	1593911	35.93	ng		99
72) Carbazole	11.40	167	1388557	35.21	ng		99
73) Di-n-butylphthalate	11.75	149	1671148	34.72	ng		100
74) Fluoranthene	12.38	202	1603614	36.03	ng		94
76) Benzidine	12.50	184	628785	36.00	ng		100
77) Pyrene	12.59	202	1525069	33.50	ng		100
79) Butylbenzylphthalate	13.23	149	739801	34.33	ng		99
80) Benzo(a)anthracene	13.78	228	1477124	35.84	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	354430	24.71	ng		98
82) Chrysene	13.82	228	1191984	31.18	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	952512	33.85	ng		99
84) Di-n-octyl phthalate	14.40	149	1707655	35.25	ng		100
85) Indeno(1,2,3-cd)pyrene	16.42	276	1176710	33.85	ng		98
87) Benzo(b)fluoranthene	14.79	252	1409879m	34.23	ng		
88) Benzo(k)fluoranthene	14.81	252	1019694m	33.22	ng		
89) Benzo(a)pyrene	15.11	252	1165788	34.28	ng		99
90) Dibenzo(a,h)anthracene	16.43	278	1000126	32.37	ng		98
91) Benzo(g,h,i)perylene	16.80	276	985028	32.66	ng		98

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

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