Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083805.D
Acq On : 15 Dec 2015 8:42
Operator : UM/IZ
Sample : PB87256BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87256BS

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:13:57 PM

Quant Time: Dec 15 17:26:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	99730	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	406248	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	195860	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	385486	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	308010	20.00	ng		-0.02
86) Perylene-d12	15.49	264	255988	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	511149	82.68	ng		-0.02
7) Phenol-d6	6.53	99	665916	85.06	ng		-0.01
23) Nitrobenzene-d5	7.46	82	600173	82.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	189678	95.04	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1085388	79.65	ng		-0.02
78) Terphenyl-d14	13.00	244	1129978	78.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	90586	30.30	ng	#	81
3) Pyridine	3.29	79	290209	38.59	ng		85
4) n-Nitrosodimethylamine	3.24	42	114415	40.21	ng	#	60
6) Aniline	6.56	93	301744	28.37	ng	#	87
8) 2-Chlorophenol	6.68	128	308130	42.42	ng		90
9) Benzaldehyde	6.44	77	115006	27.35	ng		87
10) Phenol	6.54	94	377124	41.85	ng		78
11) bis(2-Chloroethyl)ether	6.64	93	300930	46.12	ng		88
12) 1,3-Dichlorobenzene	6.84	146	323521	41.96	ng		98
13) 1,4-Dichlorobenzene	6.92	146	333000	42.74	ng		95
14) 1,2-Dichlorobenzene	7.07	146	289670	41.38	ng		98
15) Benzyl Alcohol	7.04	79	272607	47.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	321158	37.90	ng		72
17) 2-Methylphenol	7.16	107	268049	45.89	ng	#	82
18) Hexachloroethane	7.41	117	114006	41.21	ng	#	79
19) n-Nitroso-di-n-propylamine	7.32	70	208237	43.44	ng	#	79
20) 3+4-Methylphenols	7.31	107	299160	43.39	ng	#	64
22) Acetophenone	7.31	105	381643	38.29	ng	#	96
24) Nitrobenzene	7.48	77	313655	41.50	ng	#	85
25) Isophorone	7.72	82	564796	39.65	ng	#	96
26) 2-Nitrophenol	7.80	139	173147	47.69	ng	#	78
27) 2,4-Dimethylphenol	7.84	122	291327	40.84	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	366090	45.03	ng	#	96
29) 2,4-Dichlorophenol	8.04	162	268059	45.77	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	252787	41.62	ng		97
31) Naphthalene	8.21	128	887642	41.92	ng		99
32) Benzoic acid	7.96	122	198665	44.68	ng		90
33) 4-Chloroaniline	8.25	127	149329	17.26	ng	#	91
34) Hexachlorobutadiene	8.33	225	136174	40.86	ng		99
35) Caprolactam	8.62	113	107415m	57.12	ng		
36) 4-Chloro-3-methylphenol	8.74	107	302404	44.14	ng		93
37) 2-Methylnaphthalene	8.90	142	581810	43.76	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	255896	44.29	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	266721	91.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	187810	44.41	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	197777	49.30	ng		97
45) 1,1'-Biphenyl	9.37	154	751042	43.27	ng		95
46) 2-Chloronaphthalene	9.39	162	578648	45.16	ng		96
47) 2-Nitroaniline	9.48	65	190344	52.38	ng	#	56
48) Acenaphthylene	9.80	152	865602	40.15	ng		99
49) Dimethylphthalate	9.66	163	664837	43.54	ng		100
50) 2,6-Dinitrotoluene	9.72	165	153464	47.35	ng	#	83
51) Acenaphthene	9.97	154	617295	47.37	ng		99
52) 3-Nitroaniline	9.88	138	93003	24.89	ng		86
53) 2,4-Dinitrophenol	10.00	184	171681	91.59	ng	#	81
54) Dibenzofuran	10.14	168	754732	43.71	ng	#	90
55) 4-Nitrophenol	10.05	139	262838	95.00	ng		85
56) 2,4-Dinitrotoluene	10.12	165	197798	46.72	ng	#	85
57) Fluorene	10.49	166	571355	42.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	154908	51.48	ng	#	100
59) Diethylphthalate	10.36	149	671267	43.42	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	262493	42.33	ng	#	82
61) 4-Nitroaniline	10.50	138	152243	46.23	ng		89
62) Azobenzene	10.64	77	652606	46.31	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	117962	53.78	ng	#	70
65) n-Nitrosodiphenylamine	10.60	169	608046	46.12	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	176468	40.94	ng	#	87
67) Hexachlorobenzene	11.04	284	194633	41.73	ng		95
68) Atrazine	11.13	200	188319	50.20	ng		98
69) Pentachlorophenol	11.23	266	237579	90.32	ng		98
70) Phenanthrene	11.45	178	917605	44.81	ng		99
71) Anthracene	11.50	178	951196	44.72	ng		99
72) Carbazole	11.65	167	986153	49.76	ng		97
73) Di-n-butylphthalate	11.98	149	1010674	42.00	ng		99
74) Fluoranthene	12.64	202	1064709	50.32	ng		96
76) Benzidine	12.75	184	321075	34.21	ng		97
77) Pyrene	12.87	202	1047616	43.03	ng		99
79) Butylbenzylphthalate	13.48	149	487382	46.65	ng		90
80) Benzo(a)anthracene	14.04	228	799208	45.63	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	221553	35.07	ng	#	96
82) Chrysene	14.08	228	723258	42.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	524870	44.14	ng		98
84) Di-n-octyl phthalate	14.65	149	893634	47.29	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	735810	43.86	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	851422m	52.14	ng		
88) Benzo(k)fluoranthene	15.11	252	563628m	38.09	ng		
89) Benzo(a)pyrene	15.44	252	692110	47.49	ng	#	95
90) Dibenzo(a,h)anthracene	16.93	278	598109	41.27	ng		97
91) Benzo(g,h,i)perylene	17.35	276	617258	41.44	ng		100

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

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