Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084094.D
Acq On : 24 Dec 2015 22:23
Operator : UM/SJ
Sample : PB87153BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87153BSD

Manual Integrations APPROVED
Sohil
12/28/2015 1:09:59 PM

Quant Time: Dec 25 04:37:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48778	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	190944	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	91874	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	168625	20.00	ng		0.00
75) Chrysene-d12	13.96	240	128764	20.00	ng		0.00
86) Perylene-d12	15.38	264	98263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	346409	120.40	ng		0.01
7) Phenol-d6	6.45	99	396630	111.41	ng		0.00
23) Nitrobenzene-d5	7.37	82	258811	79.34	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	115498	117.89	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	517367	77.05	ng		0.00
78) Terphenyl-d14	12.90	244	454172	63.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	38379	32.55	ng	#	95
3) Pyridine	3.15	79	107123	37.20	ng		95
4) n-Nitrosodimethylamine	3.09	42	48592	38.29	ng		95
6) Aniline	6.46	93	103942	23.10	ng	#	30
8) 2-Chlorophenol	6.59	128	142264	39.82	ng		95
9) Benzaldehyde	6.35	77	12031	6.32	ng		96
10) Phenol	6.46	94	143102	35.15	ng	#	76
11) bis(2-Chloroethyl)ether	6.53	93	112197	38.21	ng		94
12) 1,3-Dichlorobenzene	6.74	146	146163	37.47	ng		98
13) 1,4-Dichlorobenzene	6.82	146	145339m	37.03	ng		
14) 1,2-Dichlorobenzene	6.97	146	139538	38.58	ng		99
15) Benzyl Alcohol	6.96	79	114402	42.43	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103510	36.09	ng		58
17) 2-Methylphenol	7.07	107	105391	38.42	ng	#	90
18) Hexachloroethane	7.31	117	54444	38.00	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	85729	39.10	ng	#	90
20) 3+4-Methylphenols	7.23	107	144109	41.18	ng	#	48
22) Acetophenone	7.21	105	181977	38.14	ng	#	93
24) Nitrobenzene	7.39	77	126577	36.54	ng	#	83
25) Isophorone	7.63	82	233139	38.64	ng	#	94
26) 2-Nitrophenol	7.70	139	69276	39.08	ng	#	80
27) 2,4-Dimethylphenol	7.76	122	123899	42.11	ng		93
28) bis(2-Chloroethoxy)methane	7.84	93	139746	39.72	ng		99
29) 2,4-Dichlorophenol	7.95	162	110843	40.56	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	115073	38.43	ng		97
31) Naphthalene	8.11	128	391043	38.49	ng		99
32) Benzoic acid	7.89	122	60296	42.74	ng		97
33) 4-Chloroaniline	8.16	127	62809	15.54	ng		98
34) Hexachlorobutadiene	8.22	225	64284	37.64	ng		99
35) Caprolactam	8.53	113	36510m	48.18	ng		
36) 4-Chloro-3-methylphenol	8.66	107	128264	41.75	ng		93
37) 2-Methylnaphthalene	8.80	142	261913	41.19	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	117503	40.57	ng		98
40) Hexachlorocyclopentadiene	8.96	237	68246	80.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70043	37.09	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	71476	37.81	ng		96
45) 1,1'-Biphenyl	9.26	154	335248	40.39	ng		97
46) 2-Chloronaphthalene	9.29	162	253020	40.10	ng		95
47) 2-Nitroaniline	9.39	65	73252	43.69	ng	#	63
48) Acenaphthylene	9.70	152	384351	37.09	ng		99
49) Dimethylphthalate	9.57	163	296384	38.95	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	71105	44.02	ng		90
51) Acenaphthene	9.87	154	232085	38.51	ng		100
52) 3-Nitroaniline	9.80	138	38770	22.37	ng	#	68
53) 2,4-Dinitrophenol	9.92	184	48659	78.27	ng		94
54) Dibenzofuran	10.04	168	332528	40.12	ng		91
55) 4-Nitrophenol	9.98	139	73744	83.35	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	87976	41.26	ng	#	87
57) Fluorene	10.38	166	270596	38.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	57975	43.03	ng		99
59) Diethylphthalate	10.27	149	291407	37.70	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	111912	34.45	ng	#	81
61) 4-Nitroaniline	10.42	138	72416	45.20	ng		90
62) Azobenzene	10.53	77	270035	42.40	ng		88
64) 4,6-Dinitro-2-methylphenol	10.45	198	39202	41.89	ng		80
65) n-Nitrosodiphenylamine	10.50	169	255698	42.54	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	77030	39.43	ng	#	78
67) Hexachlorobenzene	10.93	284	82176	38.42	ng	#	73
68) Atrazine	11.02	200	66643	36.81	ng		99
69) Pentachlorophenol	11.14	266	57967	82.17	ng		98
70) Phenanthrene	11.34	178	383841	38.40	ng		98
71) Anthracene	11.40	178	414506	39.65	ng		99
72) Carbazole	11.55	167	351765	39.56	ng		99
73) Di-n-butylphthalate	11.88	149	439498	38.36	ng	#	98
74) Fluoranthene	12.53	202	433223	40.76	ng		96
76) Benzidine	12.65	184	106898	24.43	ng		99
77) Pyrene	12.76	202	436943	39.33	ng		99
79) Butylbenzylphthalate	13.38	149	185707	40.38	ng	#	75
80) Benzo(a)anthracene	13.95	228	319446	40.33	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	71756	29.92	ng	#	97
82) Chrysene	13.99	228	306377m	41.95	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	252208	42.45	ng	#	97
84) Di-n-octyl phthalate	14.55	149	371022	44.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	283133	38.71	ng		99
87) Benzo(b)fluoranthene	14.98	252	308007m	42.21	ng		
88) Benzo(k)fluoranthene	15.00	252	218428m	44.17	ng		
89) Benzo(a)pyrene	15.32	252	250822	41.72	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	235923	40.21	ng	#	96
91) Benzo(g,h,i)perylene	17.19	276	244183	40.78	ng		98

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

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