Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083915.D
Acq On : 18 Dec 2015 16:17
Operator : UM/SJ
Sample : PB87315BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Manual Integrations APPROVED
apatel
12/22/2015 11:50:54 AM

Quant Time: Dec 19 04:29:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53613	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	215000	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	102112	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	199034	20.00	ng		0.00
75) Chrysene-d12	14.03	240	172160	20.00	ng		0.00
86) Perylene-d12	15.47	264	127685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	384824	112.33	ng		0.01
7) Phenol-d6	6.51	99	495836	118.24	ng		0.00
23) Nitrobenzene-d5	7.44	82	321793	85.42	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	150318	133.62	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	610259	83.72	ng		-0.01
78) Terphenyl-d14	12.98	244	670570	91.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	42282	28.45	ng		97
3) Pyridine	3.28	79	129975	35.37	ng		98
4) n-Nitrosodimethylamine	3.22	42	55775	39.79	ng		94
6) Aniline	6.53	93	127065	23.53	ng	#	58
8) 2-Chlorophenol	6.66	128	163953	40.21	ng		92
9) Benzaldehyde	6.41	77	50847	20.13	ng		99
10) Phenol	6.53	94	163738	34.99	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	127520	35.87	ng		95
12) 1,3-Dichlorobenzene	6.81	146	164700m	37.56	ng		
13) 1,4-Dichlorobenzene	6.89	146	164765m	36.81	ng		
14) 1,2-Dichlorobenzene	7.04	146	155112	42.82	ng		99
15) Benzyl Alcohol	7.01	79	134003	42.23	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	134460	36.68	ng		98
17) 2-Methylphenol	7.13	107	118517	37.06	ng		95
18) Hexachloroethane	7.38	117	60501	36.83	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	103352	42.28	ng		93
20) 3+4-Methylphenols	7.29	107	157307	41.86	ng	#	55
22) Acetophenone	7.28	105	206470	39.89	ng		95
24) Nitrobenzene	7.45	77	141317	36.27	ng		97
25) Isophorone	7.69	82	270355	38.14	ng		100
26) 2-Nitrophenol	7.77	139	81793	40.56	ng	#	87
27) 2,4-Dimethylphenol	7.81	122	149478	43.03	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	173103	41.29	ng		98
29) 2,4-Dichlorophenol	8.02	162	134688	42.74	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	130930	38.68	ng		95
31) Naphthalene	8.17	128	443388	40.73	ng		100
32) Benzoic acid	7.95	122	73050	54.30	ng		95
33) 4-Chloroaniline	8.22	127	81577	16.71	ng	#	91
34) Hexachlorobutadiene	8.29	225	73704	34.87	ng		99
35) Caprolactam	8.59	113	40858m	39.24	ng		
36) 4-Chloro-3-methylphenol	8.72	107	143440	40.13	ng		93
37) 2-Methylnaphthalene	8.86	142	301395	40.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	137038	42.56	ng		98
40) Hexachlorocyclopentadiene	9.02	237	74905	69.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90541	42.59	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	92976	44.20	ng		95
45) 1,1'-Biphenyl	9.33	154	396154	46.28	ng		97
46) 2-Chloronaphthalene	9.36	162	296629	44.18	ng		95
47) 2-Nitroaniline	9.45	65	75967	37.62	ng		91
48) Acenaphthylene	9.77	152	444891	37.37	ng		99
49) Dimethylphthalate	9.63	163	325863	38.03	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	74761	40.00	ng	#	85
51) Acenaphthene	9.94	154	306045	41.81	ng		99
52) 3-Nitroaniline	9.86	138	45342	23.02	ng		90
53) 2,4-Dinitrophenol	9.97	184	63638	92.92	ng	#	84
54) Dibenzofuran	10.11	168	394583	41.51	ng		91
55) 4-Nitrophenol	10.04	139	112043	91.09	ng		89
56) 2,4-Dinitrotoluene	10.10	165	101419	42.33	ng		99
57) Fluorene	10.45	166	304496	41.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	77399	49.73	ng		95
59) Diethylphthalate	10.33	149	346444	39.11	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	136511	37.47	ng	#	78
61) 4-Nitroaniline	10.48	138	70524	34.60	ng		98
62) Azobenzene	10.60	77	323705	43.60	ng		88
64) 4,6-Dinitro-2-methylphenol	10.51	198	50795	42.06	ng		88
65) n-Nitrosodiphenylamine	10.57	169	297591	41.09	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	86847	35.69	ng	#	70
67) Hexachlorobenzene	11.01	284	100037	39.04	ng	#	89
68) Atrazine	11.09	200	82452	35.94	ng		99
69) Pentachlorophenol	11.21	266	92589	84.86	ng		98
70) Phenanthrene	11.41	178	440916	36.67	ng		99
71) Anthracene	11.47	178	491740	42.30	ng		100
72) Carbazole	11.62	167	403464	35.13	ng		99
73) Di-n-butylphthalate	11.95	149	534383	39.60	ng	#	98
74) Fluoranthene	12.60	202	465644	38.80	ng		99
76) Benzidine	12.72	184	164850	23.91	ng		98
77) Pyrene	12.83	202	464866	42.66	ng		99
79) Butylbenzylphthalate	13.45	149	250501	43.71	ng		97
80) Benzo(a)anthracene	14.02	228	408413	38.59	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	92038	23.26	ng	#	93
82) Chrysene	14.05	228	356646	34.88	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	320504	41.89	ng		100
84) Di-n-octyl phthalate	14.63	149	559393	46.72	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	306178	40.04	ng		100
87) Benzo(b)fluoranthene	15.06	252	384490m	41.30	ng		
88) Benzo(k)fluoranthene	15.08	252	320034m	41.67	ng		
89) Benzo(a)pyrene	15.41	252	329266	42.83	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	254792	42.61	ng		97
91) Benzo(g,h,i)perylene	17.33	276	247421	42.22	ng		99

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

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