Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083380.D
Acq On : 1 Dec 2015 18:56
Operator : UM/IZ
Sample : PB87006BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Manual Integrations APPROVED
Mmdadoda
12/2/2015 6:12:50 PM

Quant Time: Dec 02 03:34:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	153380	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	592448	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	304296	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	569116	20.00	ng		0.00
75) Chrysene-d12	14.76	240	513814	20.00	ng		0.00
86) Perylene-d12	16.82	264	391046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1201102	117.51	ng		0.02
7) Phenol-d6	6.22	99	1593282	113.88	ng		0.00
23) Nitrobenzene-d5	7.13	82	1034668	76.77	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	340185	111.37	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1600026	74.93	ng		0.00
78) Terphenyl-d14	13.22	244	1606012	74.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	188262	34.01	ng	#	89
3) Pyridine	2.66	79	460584	33.27	ng		97
4) n-Nitrosodimethylamine	2.61	42	290414	42.62	ng		97
6) Aniline	6.21	93	441575	23.07	ng		93
8) 2-Chlorophenol	6.34	128	479963	42.57	ng		96
9) Benzaldehyde	6.09	77	188314	25.71	ng		96
10) Phenol	6.24	94	723357	42.97	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	509033	41.57	ng		98
12) 1,3-Dichlorobenzene	6.49	146	517998	41.33	ng		98
13) 1,4-Dichlorobenzene	6.57	146	531156	41.00	ng		98
14) 1,2-Dichlorobenzene	6.72	146	466624m	39.26	ng		
15) Benzyl Alcohol	6.72	79	467383	43.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	903900	42.07	ng	#	42
17) 2-Methylphenol	6.84	107	408504	43.47	ng		97
18) Hexachloroethane	7.06	117	186065	41.36	ng		94
19) n-Nitroso-di-n-propylamine	6.98	70	395166	39.51	ng	#	87
20) 3+4-Methylphenols	7.00	107	536139	42.12	ng		98
22) Acetophenone	6.97	105	681177	38.43	ng	#	92
24) Nitrobenzene	7.14	77	552028	38.36	ng	#	86
25) Isophorone	7.39	82	1039176	39.81	ng		98
26) 2-Nitrophenol	7.46	139	234814	39.97	ng		96
27) 2,4-Dimethylphenol	7.53	122	432450	43.91	ng		100
28) bis(2-Chloroethoxy)methane	7.61	93	627011	42.18	ng		98
29) 2,4-Dichlorophenol	7.71	162	404566	42.71	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	405668	39.35	ng		95
31) Naphthalene	7.86	128	1326829	41.28	ng		99
32) Benzoic acid	7.68	122	262231	38.60	ng		98
33) 4-Chloroaniline	7.93	127	167200	12.07	ng		98
34) Hexachlorobutadiene	7.98	225	235813	40.28	ng		98
35) Caprolactam	8.30	113	133096m	44.47	ng		
36) 4-Chloro-3-methylphenol	8.43	107	457748	43.09	ng		88
37) 2-Methylnaphthalene	8.54	142	847124m	39.43	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	369630	38.32	ng		97
40) Hexachlorocyclopentadiene	8.70	237	365272	79.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	278283	41.13	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	297583	42.45	ng		93
45) 1,1'-Biphenyl	9.01	154	998597	37.42	ng		95
46) 2-Chloronaphthalene	9.04	162	833991	41.01	ng		99
47) 2-Nitroaniline	9.15	65	327801	40.70	ng		98
48) Acenaphthylene	9.45	152	1293010	39.86	ng		99
49) Dimethylphthalate	9.33	163	948104	38.34	ng		99
50) 2,6-Dinitrotoluene	9.39	165	228936	43.35	ng		93
51) Acenaphthene	9.62	154	777424	40.75	ng		100
52) 3-Nitroaniline	9.56	138	123427	19.94	ng		87
53) 2,4-Dinitrophenol	9.66	184	227616	70.55	ng	#	86
54) Dibenzofuran	9.79	168	1119885	40.06	ng		99
55) 4-Nitrophenol	9.76	139	297780	76.91	ng	#	84
56) 2,4-Dinitrotoluene	9.79	165	265810	39.67	ng		92
57) Fluorene	10.13	166	900911	40.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	236784	41.86	ng		100
59) Diethylphthalate	10.03	149	926295	39.30	ng		100
60) 4-Chlorophenyl-phenylether	10.13	204	429324	42.32	ng		99
61) 4-Nitroaniline	10.18	138	240765	38.88	ng		99
62) Azobenzene	10.29	77	1255539	44.09	ng		98
64) 4,6-Dinitro-2-methylphenol	10.20	198	170921	44.73	ng		97
65) n-Nitrosodiphenylamine	10.26	169	853543	42.68	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	269183	43.24	ng		99
67) Hexachlorobenzene	10.70	284	291198	42.30	ng		97
68) Atrazine	10.83	200	266936	48.26	ng		95
69) Pentachlorophenol	10.92	266	306335	84.96	ng		98
70) Phenanthrene	11.16	178	1430470	42.47	ng		99
71) Anthracene	11.22	178	1468602	43.31	ng		100
72) Carbazole	11.41	167	1294160	42.48	ng		99
73) Di-n-butylphthalate	11.86	149	1551219	42.97	ng		100
74) Fluoranthene	12.66	202	1461499	41.86	ng		99
76) Benzidine	12.87	184	516894	33.78	ng		99
77) Pyrene	12.97	202	1511416	42.12	ng		98
79) Butylbenzylphthalate	13.96	149	663402	43.58	ng		95
80) Benzo(a)anthracene	14.74	228	1326909	42.15	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	264829	26.93	ng		99
82) Chrysene	14.80	228	1193696	39.25	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	926458	45.37	ng		100
84) Di-n-octyl phthalate	15.84	149	1491315	49.05	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	935861	42.25	ng		100
87) Benzo(b)fluoranthene	16.31	252	1079611	43.03	ng		98
88) Benzo(k)fluoranthene	16.35	252	964277	40.70	ng		99
89) Benzo(a)pyrene	16.75	252	939504	43.59	ng		99
90) Dibenzo(a,h)anthracene	18.23	278	773913	41.21	ng		99
91) Benzo(g,h,i)perylene	18.57	276	756695	41.06	ng	#	94

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

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