Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087675.D
Acq On : 4 Jun 2016 19:47
Operator : UM/SJ
Sample : PB91096BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:31 PM

Quant Time: Jun 05 01:49:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117690	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	500593	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	229236	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	407628	20.00	ng		0.00
75) Chrysene-d12	14.02	240	310522	20.00	ng		0.00
86) Perylene-d12	15.44	264	270580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	758558	104.18	ng		0.01
7) Phenol-d6	6.49	99	1026207	112.38	ng		0.00
23) Nitrobenzene-d5	7.43	82	681578	78.77	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	279918	121.65	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1251382	83.22	ng		0.00
78) Terphenyl-d14	12.97	244	992468	77.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	112299	31.91	ng	#	27
3) Pyridine	3.29	79	286077	30.77	ng		99
4) n-Nitrosodimethylamine	3.23	42	154989	39.46	ng		100
6) Aniline	6.52	93	357536	27.62	ng		99
8) 2-Chlorophenol	6.64	128	326249	38.94	ng		97
9) Benzaldehyde	6.40	77	22399	3.63	ng		88
10) Phenol	6.50	94	444887	42.79	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	285646	37.81	ng		100
12) 1,3-Dichlorobenzene	6.80	146	335624	37.41	ng		99
13) 1,4-Dichlorobenzene	6.88	146	354348	39.36	ng		98
14) 1,2-Dichlorobenzene	7.03	146	305594m	36.21	ng		
15) Benzyl Alcohol	7.00	79	232408	34.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	428537	38.89	ng		97
17) 2-Methylphenol	7.12	107	292306	43.45	ng		96
18) Hexachloroethane	7.37	117	123953	39.38	ng	#	83
19) n-Nitroso-di-n-propylamine	7.28	70	210473	36.91	ng		97
20) 3+4-Methylphenols	7.27	107	325954	39.54	ng		93
22) Acetophenone	7.27	105	442567	39.03	ng	#	82
24) Nitrobenzene	7.44	77	316577	36.56	ng	#	86
25) Isophorone	7.69	82	619338	39.32	ng		97
26) 2-Nitrophenol	7.76	139	163051	40.52	ng		96
27) 2,4-Dimethylphenol	7.80	122	356041	42.70	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	361822	36.21	ng		97
29) 2,4-Dichlorophenol	8.00	162	266658	38.94	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	290793	40.55	ng		98
31) Naphthalene	8.17	128	1003492	41.23	ng		99
32) Benzoic acid	7.92	122	207968	41.34	ng		99
33) 4-Chloroaniline	8.22	127	252226	23.86	ng		95
34) Hexachlorobutadiene	8.30	225	141961	38.07	ng		99
35) Caprolactam	8.58	113	91456m	40.65	ng		
36) 4-Chloro-3-methylphenol	8.70	107	287500	40.58	ng		97
37) 2-Methylnaphthalene	8.86	142	612914	38.13	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	253251	40.09	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	279989	75.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	185166	38.81	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	202749	45.66	ng	#	89
45) 1,1'-Biphenyl	9.32	154	707410	38.02	ng		99
46) 2-Chloronaphthalene	9.35	162	558814	37.73	ng		100
47) 2-Nitroaniline	9.44	65	162136	38.88	ng		99
48) Acenaphthylene	9.77	152	958762	41.51	ng		99
49) Dimethylphthalate	9.63	163	719198	43.15	ng		100
50) 2,6-Dinitrotoluene	9.69	165	170763	45.04	ng		95
51) Acenaphthene	9.94	154	657425	44.24	ng		99
52) 3-Nitroaniline	9.85	138	113038	26.06	ng		99
53) 2,4-Dinitrophenol	9.95	184	160748	92.76	ng		92
54) Dibenzofuran	10.11	168	865471	42.78	ng		98
55) 4-Nitrophenol	10.01	139	257386	69.44	ng		94
56) 2,4-Dinitrotoluene	10.09	165	225735	46.75	ng	#	81
57) Fluorene	10.46	166	600490	37.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	164981	43.13	ng	#	57
59) Diethylphthalate	10.33	149	659977	39.43	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	264874	42.55	ng		99
61) 4-Nitroaniline	10.47	138	157122	37.68	ng		96
62) Azobenzene	10.60	77	725238	43.05	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	97251	43.14	ng		91
65) n-Nitrosodiphenylamine	10.56	169	538078	40.30	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	183783	45.47	ng		98
67) Hexachlorobenzene	10.99	284	178771	39.55	ng		100
68) Atrazine	11.10	200	176505	44.63	ng		99
69) Pentachlorophenol	11.19	266	229742	85.54	ng		99
70) Phenanthrene	11.40	178	861278	38.97	ng		100
71) Anthracene	11.46	178	952341	43.00	ng		100
72) Carbazole	11.61	167	819317	39.08	ng		99
73) Di-n-butylphthalate	11.95	149	1028173	45.75	ng		100
74) Fluoranthene	12.59	202	937032	43.08	ng		100
76) Benzidine	12.72	184	347009	28.34	ng		99
77) Pyrene	12.82	202	980542	44.34	ng		99
79) Butylbenzylphthalate	13.45	149	457499	48.62	ng		98
80) Benzo(a)anthracene	14.00	228	749410	41.82	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	154098	30.48	ng		100
82) Chrysene	14.05	228	764778	42.88	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	530840	47.40	ng	#	98
84) Di-n-octyl phthalate	14.62	149	943214	45.30	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	656414	44.52	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	760829m	43.23	ng		
88) Benzo(k)fluoranthene	15.06	252	571034m	38.99	ng		
89) Benzo(a)pyrene	15.38	252	624826	42.23	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	549500	43.64	ng		99
91) Benzo(g,h,i)perylene	17.26	276	546149	42.99	ng		100

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

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