Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087676.D
Acq On : 4 Jun 2016 20:17
Operator : UM/SJ
Sample : PB90993BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:35 PM

Quant Time: Jun 05 01:50:56 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	118413	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	496095	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	233357	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	426182	20.00	ng		0.00
75) Chrysene-d12	14.02	240	317816	20.00	ng		0.00
86) Perylene-d12	15.44	264	271603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	783649	106.97	ng		0.01
7) Phenol-d6	6.49	99	1025274	111.59	ng		0.00
23) Nitrobenzene-d5	7.43	82	680049	79.31	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	294902	125.90	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1290913	84.86	ng		0.00
78) Terphenyl-d14	12.97	244	981518	75.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	108336	30.59	ng	#	25
3) Pyridine	3.28	79	341754	36.53	ng		96
4) n-Nitrosodimethylamine	3.23	42	154037	38.98	ng		100
6) Aniline	6.52	93	289496	22.23	ng		100
8) 2-Chlorophenol	6.64	128	326373	38.71	ng		94
9) Benzaldehyde	6.40	77	22320	3.59	ng		89
10) Phenol	6.50	94	410893	39.27	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	310355	40.83	ng	#	81
12) 1,3-Dichlorobenzene	6.80	146	330962	36.67	ng		99
13) 1,4-Dichlorobenzene	6.88	146	364560	40.25	ng		98
14) 1,2-Dichlorobenzene	7.03	146	313885m	36.97	ng		
15) Benzyl Alcohol	7.00	79	232361	34.23	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	438442	39.55	ng		97
17) 2-Methylphenol	7.12	107	301856	44.59	ng		96
18) Hexachloroethane	7.38	117	128575	40.60	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	213491	37.21	ng		99
20) 3+4-Methylphenols	7.27	107	324321	39.11	ng		92
22) Acetophenone	7.28	105	451516	40.18	ng	#	99
24) Nitrobenzene	7.45	77	346375	40.36	ng		93
25) Isophorone	7.69	82	637681	40.85	ng		97
26) 2-Nitrophenol	7.76	139	164720	41.31	ng		96
27) 2,4-Dimethylphenol	7.80	122	362271	43.84	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	379987	38.37	ng	#	97
29) 2,4-Dichlorophenol	8.00	162	273691	40.33	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	295017	41.51	ng		99
31) Naphthalene	8.17	128	995679	41.28	ng		99
32) Benzoic acid	7.92	122	231712	46.48	ng		97
33) 4-Chloroaniline	8.22	127	147420	14.07	ng		94
34) Hexachlorobutadiene	8.30	225	147129	39.82	ng		98
35) Caprolactam	8.58	113	95870m	43.00	ng		
36) 4-Chloro-3-methylphenol	8.70	107	308831	43.99	ng		98
37) 2-Methylnaphthalene	8.86	142	630268	39.57	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	251872	39.16	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	288064	76.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	189718	39.06	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	206874m	45.77	ng		
45) 1,1'-Biphenyl	9.32	154	709417	37.46	ng		100
46) 2-Chloronaphthalene	9.35	162	570600	37.85	ng		99
47) 2-Nitroaniline	9.44	65	169135	39.84	ng		98
48) Acenaphthylene	9.77	152	981925	41.77	ng		99
49) Dimethylphthalate	9.63	163	733767	43.25	ng		100
50) 2,6-Dinitrotoluene	9.69	165	179610	46.53	ng	#	89
51) Acenaphthene	9.94	154	678342	44.84	ng		99
52) 3-Nitroaniline	9.85	138	94070	21.31	ng		95
53) 2,4-Dinitrophenol	9.95	184	167052	94.62	ng	#	90
54) Dibenzofuran	10.11	168	897265	43.57	ng		97
55) 4-Nitrophenol	10.01	139	250185	66.30	ng		94
56) 2,4-Dinitrotoluene	10.09	165	226891	46.16	ng	#	75
57) Fluorene	10.46	166	633703	39.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	172327	44.26	ng	#	56
59) Diethylphthalate	10.33	149	673331	39.52	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	267197	41.93	ng		99
61) 4-Nitroaniline	10.47	138	153820	36.24	ng		94
62) Azobenzene	10.60	77	749341	43.69	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	99800	42.38	ng		88
65) n-Nitrosodiphenylamine	10.56	169	581808	41.68	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	187565	44.38	ng		99
67) Hexachlorobenzene	10.99	284	185929	39.34	ng		98
68) Atrazine	11.10	200	190753	46.13	ng		97
69) Pentachlorophenol	11.19	266	231432	82.42	ng		99
70) Phenanthrene	11.40	178	919131	39.78	ng		100
71) Anthracene	11.46	178	982146	42.42	ng		100
72) Carbazole	11.61	167	833637	38.04	ng		100
73) Di-n-butylphthalate	11.95	149	1049791	44.68	ng		100
74) Fluoranthene	12.59	202	952929	41.91	ng		100
76) Benzidine	12.72	184	252126	20.12	ng		99
77) Pyrene	12.82	202	975331	43.10	ng		100
79) Butylbenzylphthalate	13.45	149	465259	48.31	ng		98
80) Benzo(a)anthracene	14.01	228	767495	41.84	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	134360	25.96	ng		99
82) Chrysene	14.05	228	778116	42.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	536838	46.84	ng		99
84) Di-n-octyl phthalate	14.62	149	958962	45.00	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	680177	45.07	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	777800	44.02	ng		99
88) Benzo(k)fluoranthene	15.06	252	591164m	40.22	ng		
89) Benzo(a)pyrene	15.38	252	642151	43.24	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	561012	44.39	ng		99
91) Benzo(g,h,i)perylene	17.26	276	561313	44.02	ng		100

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

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