Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086529.D
Acq On : 30 Apr 2016 17:49
Operator : UM/SJ
Sample : PB90186BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:26 PM

Quant Time: May 01 04:19:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	143497	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	623771	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	305565	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	590830	20.00	ng		0.00
75) Chrysene-d12	13.92	240	428649	20.00	ng		0.00
86) Perylene-d12	15.31	264	357274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1045632	125.69	ng		0.01
7) Phenol-d6	6.41	99	1550943	133.57	ng		0.00
23) Nitrobenzene-d5	7.33	82	967830	83.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	430900	133.72	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1648704	97.33	ng		0.00
78) Terphenyl-d14	12.88	244	1580773	81.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	156725	35.86	ng	#	77
3) Pyridine	3.07	79	454434	43.94	ng	#	71
4) n-Nitrosodimethylamine	3.02	42	268106	45.48	ng	#	60
6) Aniline	6.43	93	239089	17.02	ng	#	23
8) 2-Chlorophenol	6.56	128	432663	41.76	ng		97
9) Benzaldehyde	6.30	77	60866	9.01	ng		91
10) Phenol	6.43	94	465389	35.93	ng		78
11) bis(2-Chloroethyl)ether	6.51	93	467966	41.79	ng		94
12) 1,3-Dichlorobenzene	6.70	146	423393	37.99	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	448534	39.00	ng		96
14) 1,2-Dichlorobenzene	6.93	146	401958	38.11	ng		94
15) Benzyl Alcohol	6.92	79	348433	47.44	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	888744	39.65	ng		89
17) 2-Methylphenol	7.04	107	372441	44.47	ng		94
18) Hexachloroethane	7.28	117	161997	37.70	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	321637	41.91	ng	#	69
20) 3+4-Methylphenols	7.18	107	430145	44.98	ng		91
22) Acetophenone	7.18	105	589296	43.08	ng	#	90
24) Nitrobenzene	7.36	77	504920	42.41	ng		96
25) Isophorone	7.60	82	893501	40.12	ng		99
26) 2-Nitrophenol	7.68	139	233487	42.60	ng		95
27) 2,4-Dimethylphenol	7.72	122	420879	43.76	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	549113	45.26	ng		99
29) 2,4-Dichlorophenol	7.92	162	365933	45.10	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	365106	38.79	ng		96
31) Naphthalene	8.08	128	1266157	39.89	ng		99
32) Benzoic acid	7.85	122	183681	34.55	ng		88
33) 4-Chloroaniline	8.13	127	100370	8.44	ng		98
34) Hexachlorobutadiene	8.20	225	195327	37.02	ng		98
35) Caprolactam	8.50	113	118436m	43.75	ng		
36) 4-Chloro-3-methylphenol	8.62	107	419547	45.16	ng		99
37) 2-Methylnaphthalene	8.77	142	807764	43.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	323369	36.97	ng		98
40) Hexachlorocyclopentadiene	8.92	237	336158	77.34	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	234261	42.37	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	245572	40.75	ng	#	90
45) 1,1'-Biphenyl	9.23	154	962071	37.67	ng		96
46) 2-Chloronaphthalene	9.25	162	737002	37.95	ng		94
47) 2-Nitroaniline	9.36	65	294723	47.33	ng		92
48) Acenaphthylene	9.66	152	1154454	38.03	ng		99
49) Dimethylphthalate	9.54	163	914354	39.75	ng		100
50) 2,6-Dinitrotoluene	9.60	165	189100	39.79	ng	#	83
51) Acenaphthene	9.84	154	819589	42.04	ng		99
52) 3-Nitroaniline	9.77	138	72599	13.43	ng		99
53) 2,4-Dinitrophenol	9.87	184	176021	68.94	ng	#	75
54) Dibenzofuran	10.02	168	1047287	42.98	ng		95
55) 4-Nitrophenol	9.94	139	307763	86.97	ng	#	71
56) 2,4-Dinitrotoluene	10.01	165	255943	42.25	ng	#	82
57) Fluorene	10.35	166	735743	34.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	216315	45.91	ng		98
59) Diethylphthalate	10.24	149	845092	38.81	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	386168	40.20	ng	#	86
61) 4-Nitroaniline	10.38	138	213987	40.50	ng		90
62) Azobenzene	10.51	77	1078206	45.20	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	138092	39.81	ng	#	71
65) n-Nitrosodiphenylamine	10.46	169	715174	38.73	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	236896	38.91	ng	#	77
67) Hexachlorobenzene	10.90	284	261539	37.11	ng	#	80
68) Atrazine	11.00	200	259409	46.78	ng		96
69) Pentachlorophenol	11.09	266	261495	70.38	ng		99
70) Phenanthrene	11.31	178	1149903	37.09	ng		100
71) Anthracene	11.37	178	1362452	41.17	ng		99
72) Carbazole	11.52	167	1136892	38.77	ng		99
73) Di-n-butylphthalate	11.86	149	1358759	40.90	ng		99
74) Fluoranthene	12.50	202	1295701	41.40	ng		91
76) Benzidine	12.63	184	319731	21.70	ng		96
77) Pyrene	12.72	202	1266086	40.99	ng		100
79) Butylbenzylphthalate	13.35	149	532277	39.79	ng	#	71
80) Benzo(a)anthracene	13.91	228	962633	42.12	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	144850	9.48	ng		98
82) Chrysene	13.94	228	949316	38.22	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	598261	36.03	ng	#	96
84) Di-n-octyl phthalate	14.52	149	1012742	38.95	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	850482	46.21	ng		97
87) Benzo(b)fluoranthene	14.92	252	935829m	44.53	ng		
88) Benzo(k)fluoranthene	14.95	252	775926m	35.39	ng		
89) Benzo(a)pyrene	15.25	252	800277	40.33	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	706228	43.49	ng		99
91) Benzo(g,h,i)perylene	17.05	276	718445	44.15	ng		94

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

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