Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088440.D
Acq On : 27 Jun 2016 6:30
Operator : UM/SJ
Sample : PB91573BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Manual Integrations APPROVED
sohil
6/27/2016 8:02:53 PM

Quant Time: Jun 27 09:19:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 09:02:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	72316m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	300376	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	132744	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	231508	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	140922	20.00	ng		-0.01
86) Perylene-d12	15.03	264	132979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	495709	117.19	ng		0.01
7) Phenol-d6	6.23	99	600025	117.04	ng		0.00
23) Nitrobenzene-d5	7.13	82	378773	73.63	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	142284	101.51	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	667270	78.55	ng		-0.01
78) Terphenyl-d14	12.64	244	558446	90.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	66611	32.41	ng	#	37
3) Pyridine	2.66	79	161061	33.19	ng		88
4) n-Nitrosodimethylamine	2.63	42	65653	31.94	ng	#	77
6) Aniline	6.22	93	115066m	15.77	ng		
8) 2-Chlorophenol	6.34	128	213318	42.60	ng		87
10) Phenol	6.24	94	262225	49.81	ng		97
11) bis(2-Chloroethyl)ether	6.30	93	197154	43.86	ng		87
12) 1,3-Dichlorobenzene	6.48	146	212003m	39.46	ng		
13) 1,4-Dichlorobenzene	6.56	146	223117m	41.23	ng		
14) 1,2-Dichlorobenzene	6.72	146	212537	43.19	ng		96
15) Benzyl Alcohol	6.72	79	145614	36.31	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	195564	32.20	ng	#	1
17) 2-Methylphenol	6.84	107	167836m	41.33	ng		
18) Hexachloroethane	7.05	117	74039m	38.56	ng		
19) n-Nitroso-di-n-propylamine	6.98	70	130962	39.93	ng		90
20) 3+4-Methylphenols	7.00	107	210120	44.35	ng	#	78
22) Acetophenone	6.97	105	280445	41.78	ng	#	96
24) Nitrobenzene	7.14	77	183978	36.92	ng		87
25) Isophorone	7.39	82	361940	37.99	ng		94
26) 2-Nitrophenol	7.46	139	111087	41.62	ng		90
27) 2,4-Dimethylphenol	7.52	122	176322	35.88	ng		91
28) bis(2-Chloroethoxy)methane	7.61	93	242562	41.05	ng		98
29) 2,4-Dichlorophenol	7.71	162	172386	42.01	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	174103	38.97	ng		99
31) Naphthalene	7.86	128	621055	41.78	ng		98
32) Benzoic acid	7.70	122	91495	33.81	ng		95
33) 4-Chloroaniline	7.93	127	74730	11.26	ng		95
34) Hexachlorobutadiene	7.98	225	95322	40.45	ng		98
35) Caprolactam	8.31	113	52479m	38.61	ng		
36) 4-Chloro-3-methylphenol	8.43	107	173584	39.56	ng		97
37) 2-Methylnaphthalene	8.55	142	365647m	37.32	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	169875	51.82	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	17395	8.12	ng		99
42) 2,4,6-Trichlorophenol	8.84	196	105204	39.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	96233	34.84	ng	#	75
45) 1,1'-Biphenyl	9.02	154	485505	49.32	ng		96
46) 2-Chloronaphthalene	9.04	162	370817	43.17	ng		94
47) 2-Nitroaniline	9.15	65	101489	40.05	ng	#	66
48) Acenaphthylene	9.44	152	545977	39.96	ng		99
49) Dimethylphthalate	9.32	163	412201	42.87	ng		99
50) 2,6-Dinitrotoluene	9.39	165	96524	43.83	ng	#	80
51) Acenaphthene	9.61	154	314921	36.95	ng		98
52) 3-Nitroaniline	9.56	138	45166	17.77	ng		83
53) 2,4-Dinitrophenol	9.69	184	34744	34.72	ng	#	85
54) Dibenzofuran	9.79	168	471378	40.16	ng		95
55) 4-Nitrophenol	9.77	139	56027m	28.41	ng		
56) 2,4-Dinitrotoluene	9.80	165	116457	41.15	ng		98
57) Fluorene	10.12	166	335802	42.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	83986	38.70	ng	#	53
59) Diethylphthalate	10.02	149	420607	43.21	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	161536	41.38	ng		99
61) 4-Nitroaniline	10.18	138	76938	31.92	ng		94
62) Azobenzene	10.28	77	357137m	37.10	ng		
64) 4,6-Dinitro-2-methylphenol	10.22	198	36827	26.50	ng	#	67
65) n-Nitrosodiphenylamine	10.25	169	345796	45.01	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	97662	39.32	ng	#	74
67) Hexachlorobenzene	10.67	284	103249	40.01	ng		93
68) Atrazine	10.79	200	107985	46.42	ng		95
69) Pentachlorophenol	10.88	266	75574	55.56	ng		97
70) Phenanthrene	11.08	178	511293	42.09	ng		98
71) Anthracene	11.13	178	505592	41.26	ng		99
72) Carbazole	11.30	167	507158	44.23	ng		98
73) Di-n-butylphthalate	11.63	149	657555	45.30	ng		98
74) Fluoranthene	12.26	202	479472	37.40	ng		97
76) Benzidine	12.40	184	221372	56.73	ng		98
77) Pyrene	12.49	202	449417	42.98	ng		98
79) Butylbenzylphthalate	13.11	149	227739	49.26	ng	#	78
80) Benzo(a)anthracene	13.67	228	339322	42.25	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	99176	45.92	ng		98
82) Chrysene	13.71	228	377272	49.94	ng		97
83) Bis(2-ethylhexyl)phthalate	13.68	149	298624	53.06	ng	#	96
84) Di-n-octyl phthalate	14.29	149	536714	58.69	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	291620	41.55	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	345824m	37.31	ng		
88) Benzo(k)fluoranthene	14.70	252	328154m	46.94	ng		
89) Benzo(a)pyrene	14.98	252	322147	42.96	ng	#	95
90) Dibenzo(a,h)anthracene	16.26	278	252511	36.26	ng		97
91) Benzo(g,h,i)perylene	16.62	276	238967	33.36	ng		98

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

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