Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085112.D
Acq On : 2 Mar 2016 11:51
Operator : SJ/IZ
Sample : PB88627BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88627BS

Manual Integrations APPROVED
UMANGI
3/3/2016 2:05:23 PM

Quant Time: Mar 03 11:23:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	181920	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	748571	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	355365	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	642783	20.00	ng		0.00
75) Chrysene-d12	14.15	240	523732	20.00	ng		0.00
86) Perylene-d12	15.63	264	412064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1286630	114.82	ng		0.01
7) Phenol-d6	6.62	99	1906264	129.76	ng		0.00
23) Nitrobenzene-d5	7.56	82	1234557	87.74	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	559763	156.74	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1798528	74.54	ng		0.00
78) Terphenyl-d14	13.10	244	1849035	82.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	192968	34.75	ng		99
3) Pyridine	3.54	79	604249	42.40	ng		99
4) n-Nitrosodimethylamine	3.50	42	272129	41.96	ng		96
6) Aniline	6.65	93	489279	23.47	ng		99
8) 2-Chlorophenol	6.78	128	566696	43.88	ng		87
9) Benzaldehyde	6.54	77	56465	5.11	ng		85
10) Phenol	6.63	94	708410	43.10	ng		87
11) bis(2-Chloroethyl)ether	6.72	93	511679	39.27	ng		95
12) 1,3-Dichlorobenzene	6.93	146	546083m	39.36	ng		
13) 1,4-Dichlorobenzene	7.01	146	583765	41.28	ng		96
14) 1,2-Dichlorobenzene	7.17	146	534522m	42.94	ng		
15) Benzyl Alcohol	7.12	79	514405	48.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	804925	41.92	ng		99
17) 2-Methylphenol	7.24	107	473269	43.73	ng		98
18) Hexachloroethane	7.51	117	224481	42.95	ng	#	86
19) n-Nitroso-di-n-propylamine	7.41	70	439652	45.41	ng		99
20) 3+4-Methylphenols	7.38	107	595951	46.08	ng		97
22) Acetophenone	7.40	105	756972	40.20	ng	#	96
24) Nitrobenzene	7.57	77	557059	38.17	ng		97
25) Isophorone	7.81	82	1113150	41.36	ng		100
26) 2-Nitrophenol	7.89	139	268643	41.16	ng	#	79
27) 2,4-Dimethylphenol	7.92	122	559450	44.23	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	720600	48.55	ng		99
29) 2,4-Dichlorophenol	8.13	162	489882	47.07	ng		94
30) 1,2,4-Trichlorobenzene	8.22	180	495342	43.66	ng		95
31) Naphthalene	8.30	128	1637112	43.24	ng		99
32) Benzoic acid	8.02	122	221178	34.77	ng		99
33) 4-Chloroaniline	8.33	127	178183	11.91	ng		98
34) Hexachlorobutadiene	8.41	225	266931	40.56	ng		98
35) Caprolactam	8.71	113	155965m	47.75	ng		
36) 4-Chloro-3-methylphenol	8.82	107	530168	46.07	ng		88
37) 2-Methylnaphthalene	8.98	142	1039673	44.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	464142	42.41	ng		99
40) Hexachlorocyclopentadiene	9.14	237	547846	87.92	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	326518	44.31	ng		96
43) 2,4,5-Trichlorophenol	9.30	196	316651	44.85	ng		97
45) 1,1'-Biphenyl	9.45	154	1253985	39.75	ng		97
46) 2-Chloronaphthalene	9.48	162	904895	39.33	ng		96
47) 2-Nitroaniline	9.57	65	300784	41.64	ng	#	75
48) Acenaphthylene	9.90	152	1571082	45.95	ng		98
49) Dimethylphthalate	9.75	163	1053703	39.99	ng		100
50) 2,6-Dinitrotoluene	9.81	165	227285	41.60	ng	#	84
51) Acenaphthene	10.07	154	1075752	50.11	ng		98
52) 3-Nitroaniline	9.98	138	148649	22.90	ng		94
53) 2,4-Dinitrophenol	10.08	184	189921	73.61	ng	#	1
54) Dibenzofuran	10.24	168	1450237	52.04	ng		94
55) 4-Nitrophenol	10.13	139	453081	90.98	ng	#	58
56) 2,4-Dinitrotoluene	10.22	165	363213	49.33	ng	#	69
57) Fluorene	10.58	166	1092673	49.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	290491	54.31	ng		93
59) Diethylphthalate	10.45	149	1086669	43.03	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	530513	46.97	ng		90
61) 4-Nitroaniline	10.60	138	281057	46.20	ng		92
62) Azobenzene	10.73	77	1338568	52.47	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	155194	41.35	ng	#	69
65) n-Nitrosodiphenylamine	10.69	169	855690	42.24	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	332985	49.34	ng	#	84
67) Hexachlorobenzene	11.13	284	359242	47.15	ng	#	81
68) Atrazine	11.21	200	308739	49.95	ng		99
69) Pentachlorophenol	11.32	266	384693	86.04	ng		97
70) Phenanthrene	11.54	178	1645746	51.47	ng		100
71) Anthracene	11.59	178	1465957	40.83	ng		99
72) Carbazole	11.74	167	1371743	43.90	ng		99
73) Di-n-butylphthalate	12.07	149	1564236	42.06	ng	#	98
74) Fluoranthene	12.73	202	1636060	46.62	ng		92
76) Benzidine	12.85	184	477744	30.17	ng		99
77) Pyrene	12.96	202	1711050	47.86	ng		97
79) Butylbenzylphthalate	13.57	149	651123	43.01	ng	#	68
80) Benzo(a)anthracene	14.14	228	1332427	43.82	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	193407	20.35	ng	#	95
82) Chrysene	14.19	228	1277768	46.01	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	877851	50.22	ng		99
84) Di-n-octyl phthalate	14.75	149	1327232	51.15	ng		98
85) Indeno(1,2,3-cd)pyrene	17.11	276	1017677	43.34	ng		100
87) Benzo(b)fluoranthene	15.19	252	1263246	50.35	ng	#	96
88) Benzo(k)fluoranthene	15.23	252	851786m	39.20	ng		
89) Benzo(a)pyrene	15.57	252	991939	47.01	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	865572	45.54	ng		98
91) Benzo(g,h,i)perylene	17.56	276	859589	44.48	ng		99

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

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