Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090531.D
Acq On : 12 Oct 2016 13:18
Operator : UM/SJ
Sample : PB93973BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Manual Integrations APPROVED
sohil
10/13/2016 2:04:32 PM

Quant Time: Oct 12 16:08:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	223935	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	948879	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	506670	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	836824	20.00	ng		0.00
75) Chrysene-d12	14.13	240	764485	20.00	ng		0.00
86) Perylene-d12	15.61	264	534242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1646324	114.37	ng		0.02
7) Phenol-d6	6.60	99	2158260	118.82	ng		0.01
23) Nitrobenzene-d5	7.51	82	1271960	72.71	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	661013	131.61	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2491751	82.64	ng		0.00
78) Terphenyl-d14	13.07	244	2267112	72.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	197022	27.90	ng	#	82
3) Pyridine	3.48	79	574217m	29.43	ng		
4) n-Nitrosodimethylamine	3.42	42	216075m	33.78	ng		
6) Aniline	6.62	93	440874	19.13	ng	#	68
8) 2-Chlorophenol	6.74	128	610299	39.86	ng		99
9) Benzaldehyde	6.50	77	162541	14.20	ng		98
10) Phenol	6.61	94	802060	39.14	ng		94
11) bis(2-Chloroethyl)ether	6.69	93	626759	40.87	ng		90
12) 1,3-Dichlorobenzene	6.89	146	612398m	37.07	ng		
13) 1,4-Dichlorobenzene	6.97	146	661380	39.24	ng		98
14) 1,2-Dichlorobenzene	7.13	146	598187	39.05	ng		95
15) Benzyl Alcohol	7.09	79	505806	36.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	727438	33.10	ng		67
17) 2-Methylphenol	7.22	107	511352	41.06	ng		97
18) Hexachloroethane	7.46	117	233078	37.47	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	475066	41.01	ng	#	78
20) 3+4-Methylphenols	7.37	107	658266	41.75	ng	#	84
22) Acetophenone	7.37	105	841379	40.28	ng	#	92
24) Nitrobenzene	7.54	77	672339	35.83	ng	#	88
25) Isophorone	7.78	82	1225102	38.48	ng		97
26) 2-Nitrophenol	7.85	139	324280	37.88	ng	#	80
27) 2,4-Dimethylphenol	7.89	122	570261	39.19	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	757782	38.54	ng	#	97
29) 2,4-Dichlorophenol	8.10	162	499684	41.05	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	531485	38.01	ng		98
31) Naphthalene	8.26	128	1730765	36.61	ng		99
32) Benzoic acid	8.03	122	332832	28.98	ng		94
33) 4-Chloroaniline	8.31	127	233983	11.69	ng	#	89
34) Hexachlorobutadiene	8.37	225	276200	35.33	ng		99
35) Caprolactam	8.68	113	181508m	46.00	ng		
36) 4-Chloro-3-methylphenol	8.81	107	571464	40.21	ng		91
37) 2-Methylnaphthalene	8.95	142	1208929	38.10	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	500256	35.27	ng		97
40) Hexachlorocyclopentadiene	9.10	237	605939	86.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	353755	36.99	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	367345	38.81	ng		97
45) 1,1'-Biphenyl	9.41	154	1378557	35.62	ng		96
46) 2-Chloronaphthalene	9.45	162	1140925	39.63	ng		93
47) 2-Nitroaniline	9.54	65	351575	34.23	ng		97
48) Acenaphthylene	9.86	152	1666113	35.87	ng		99
49) Dimethylphthalate	9.72	163	1339768	39.32	ng		99
50) 2,6-Dinitrotoluene	9.78	165	283199	37.64	ng		89
51) Acenaphthene	10.03	154	1142190	36.69	ng		98
52) 3-Nitroaniline	9.95	138	147986	15.85	ng		97
53) 2,4-Dinitrophenol	10.05	184	191332	45.83	ng	#	82
54) Dibenzofuran	10.20	168	1469770	35.48	ng		95
55) 4-Nitrophenol	10.13	139	513654	70.81	ng		86
56) 2,4-Dinitrotoluene	10.19	165	430897	43.30	ng	#	82
57) Fluorene	10.54	166	1177301	34.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	315066	39.91	ng		95
59) Diethylphthalate	10.42	149	1289280	37.20	ng		93
60) 4-Chlorophenyl-phenylether	10.53	204	568417	36.43	ng		91
61) 4-Nitroaniline	10.58	138	302767	31.79	ng		85
62) Azobenzene	10.69	77	1418454	37.48	ng		89
64) 4,6-Dinitro-2-methylphenol	10.59	198	148247	26.52	ng	#	84
65) n-Nitrosodiphenylamine	10.66	169	1080212	39.70	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	346787	37.40	ng	#	87
67) Hexachlorobenzene	11.09	284	380489	37.15	ng	#	88
68) Atrazine	11.18	200	310025	36.81	ng		97
69) Pentachlorophenol	11.30	266	427916	70.21	ng		98
70) Phenanthrene	11.51	178	1820067	39.46	ng		96
71) Anthracene	11.56	178	1809865	38.74	ng		99
72) Carbazole	11.72	167	1786621	40.49	ng		97
73) Di-n-butylphthalate	12.04	149	1903372	35.82	ng		98
74) Fluoranthene	12.70	202	1864791	39.61	ng		89
76) Benzidine	12.82	184	463383	19.29	ng		99
77) Pyrene	12.93	202	1944573	40.64	ng		99
79) Butylbenzylphthalate	13.55	149	909404	40.60	ng		93
80) Benzo(a)anthracene	14.12	228	1697287	37.25	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	284023	17.32	ng		99
82) Chrysene	14.16	228	1526146	35.99	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1233743	37.74	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1944275	38.40	ng	#	85
85) Indeno(1,2,3-cd)pyrene	17.08	276	1155770	32.73	ng		98
87) Benzo(b)fluoranthene	15.17	252	1390264	39.44	ng	#	97
88) Benzo(k)fluoranthene	15.21	252	1439674m	45.85	ng		
89) Benzo(a)pyrene	15.54	252	1269964	41.03	ng	#	97
90) Dibenzo(a,h)anthracene	17.09	278	984114	37.43	ng	#	94
91) Benzo(g,h,i)perylene	17.53	276	891422	36.66	ng		99

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

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