Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090505.D
Acq On : 11 Oct 2016 16:48
Operator : UM/SJ
Sample : PB93839BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93839BS

Manual Integrations APPROVED
sohil
10/12/2016 4:09:31 PM

Quant Time: Oct 12 11:27:32 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	222487	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	915736	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	484831	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	817671	20.00	ng		0.01
75) Chrysene-d12	14.13	240	784835	20.00	ng		0.00
86) Perylene-d12	15.61	264	534717	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1578370	110.37	ng		0.01
7) Phenol-d6	6.59	99	2023885	112.15	ng		0.00
23) Nitrobenzene-d5	7.51	82	1261816	74.74	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	625245	130.10	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2270396	78.70	ng		0.00
78) Terphenyl-d14	13.08	244	2612982	81.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	212859	30.34	ng	#	84
3) Pyridine	3.45	79	613589m	31.65	ng		
4) n-Nitrosodimethylamine	3.40	42	243020	38.25	ng	#	40
6) Aniline	6.61	93	484181	21.15	ng		97
8) 2-Chlorophenol	6.74	128	581397	38.22	ng		98
9) Benzaldehyde	6.50	77	184106	16.19	ng		96
10) Phenol	6.60	94	857530	42.12	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	602371	39.53	ng		90
12) 1,3-Dichlorobenzene	6.90	146	611262	37.24	ng		98
13) 1,4-Dichlorobenzene	6.97	146	581217	34.71	ng		99
14) 1,2-Dichlorobenzene	7.13	146	623590	40.98	ng		97
15) Benzyl Alcohol	7.09	79	526504	37.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	750898	34.39	ng		89
17) 2-Methylphenol	7.21	107	490996	39.68	ng		99
18) Hexachloroethane	7.47	117	229888	37.20	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	438833	38.12	ng	#	80
20) 3+4-Methylphenols	7.37	107	642516	41.01	ng	#	75
22) Acetophenone	7.37	105	806882	40.02	ng	#	88
24) Nitrobenzene	7.54	77	712611	39.35	ng	#	87
25) Isophorone	7.78	82	1234021	40.16	ng		97
26) 2-Nitrophenol	7.86	139	327977	39.70	ng		95
27) 2,4-Dimethylphenol	7.89	122	578816	41.21	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	712064	37.52	ng		97
29) 2,4-Dichlorophenol	8.10	162	492297	41.91	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	490803	36.37	ng		99
31) Naphthalene	8.26	128	1626797	35.66	ng		98
32) Benzoic acid	8.01	122	354981	32.03	ng		99
33) 4-Chloroaniline	8.30	127	243790	12.62	ng		95
34) Hexachlorobutadiene	8.38	225	278961	36.98	ng		99
35) Caprolactam	8.67	113	182162m	47.83	ng		
36) 4-Chloro-3-methylphenol	8.79	107	549509	40.06	ng		97
37) 2-Methylnaphthalene	8.95	142	1129794	36.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	532628	39.24	ng		98
40) Hexachlorocyclopentadiene	9.11	237	660129	97.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	339906	37.14	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	360445	39.80	ng		96
45) 1,1'-Biphenyl	9.42	154	1417250	38.27	ng		95
46) 2-Chloronaphthalene	9.45	162	1134622	41.18	ng		97
47) 2-Nitroaniline	9.54	65	387318	39.41	ng		96
48) Acenaphthylene	9.86	152	1598558	35.96	ng		98
49) Dimethylphthalate	9.72	163	1218468	37.37	ng		99
50) 2,6-Dinitrotoluene	9.78	165	266110	36.96	ng		94
51) Acenaphthene	10.03	154	1145866	38.46	ng		97
52) 3-Nitroaniline	9.95	138	180742	20.23	ng	#	88
53) 2,4-Dinitrophenol	10.05	184	274773	68.78	ng	#	83
54) Dibenzofuran	10.21	168	1563554	39.45	ng		96
55) 4-Nitrophenol	10.11	139	541673	78.03	ng		94
56) 2,4-Dinitrotoluene	10.19	165	428909	45.04	ng		90
57) Fluorene	10.55	166	1229161	37.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	324490	42.95	ng		95
59) Diethylphthalate	10.42	149	1268636	38.25	ng	#	91
60) 4-Chlorophenyl-phenylether	10.54	204	645032	43.20	ng		90
61) 4-Nitroaniline	10.57	138	308535	33.85	ng		94
62) Azobenzene	10.70	77	1517637	41.90	ng		87
64) 4,6-Dinitro-2-methylphenol	10.59	198	184198	33.73	ng	#	82
65) n-Nitrosodiphenylamine	10.66	169	1000888	37.64	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	380207	41.96	ng	#	85
67) Hexachlorobenzene	11.10	284	399093	39.88	ng	#	84
68) Atrazine	11.18	200	292109	35.50	ng		98
69) Pentachlorophenol	11.30	266	469411	78.82	ng		97
70) Phenanthrene	11.51	178	1891541	41.98	ng		98
71) Anthracene	11.56	178	1636645	35.85	ng		98
72) Carbazole	11.72	167	1727035	40.05	ng		96
73) Di-n-butylphthalate	12.05	149	2067053	39.81	ng	#	97
74) Fluoranthene	12.70	202	1900669	41.32	ng		94
76) Benzidine	12.82	184	488314	19.80	ng		99
77) Pyrene	12.93	202	1882142	38.31	ng		99
79) Butylbenzylphthalate	13.55	149	824717	35.86	ng		88
80) Benzo(a)anthracene	14.12	228	1668862	35.68	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	291552	17.32	ng		99
82) Chrysene	14.16	228	1382701	31.76	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1158141	34.51	ng	#	100
84) Di-n-octyl phthalate	14.73	149	1947940	37.48	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1135413	31.32	ng		97
87) Benzo(b)fluoranthene	15.17	252	1601334	45.39	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	1107904m	35.25	ng		
89) Benzo(a)pyrene	15.55	252	1292002	41.70	ng		97
90) Dibenzo(a,h)anthracene	17.10	278	972013	36.93	ng		97
91) Benzo(g,h,i)perylene	17.53	276	894635	36.76	ng		97

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

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