Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091344.D
Acq On : 30 Nov 2016 10:31
Operator : UM/SJ
Sample : PB94951BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94951BSD

Manual Integrations APPROVED
sohil
12/1/2016 3:27:15 PM

Quant Time: Nov 30 18:28:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179617	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	709204	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	403235	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	658404	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	403958	20.00	ng		-0.03
86) Perylene-d12	15.44	264	369121	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	696869	63.38	ng		0.00
7) Phenol-d6	6.49	99	910337	67.26	ng		0.00
23) Nitrobenzene-d5	7.43	82	1016734	80.34	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	251227	65.81	ng		-0.02
44) 2-Fluorobiphenyl	9.24	172	1936401	86.95	ng		0.00
78) Terphenyl-d14	12.97	244	1860050	100.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	160528	32.27	ng		88
3) Pyridine	3.26	79	488543	34.71	ng		88
4) n-Nitrosodimethylamine	3.21	42	304029	41.16	ng		94
6) Aniline	6.53	93	588843	32.75	ng	#	70
8) 2-Chlorophenol	6.65	128	500526	41.52	ng		98
9) Benzaldehyde	6.40	77	142424	16.36	ng		94
10) Phenol	6.50	94	579033	36.36	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	480856	42.26	ng		94
12) 1,3-Dichlorobenzene	6.80	146	503680m	37.56	ng		
13) 1,4-Dichlorobenzene	6.88	146	508713	38.14	ng		97
14) 1,2-Dichlorobenzene	7.04	146	500945m	40.32	ng		
15) Benzyl Alcohol	7.01	79	420701	38.84	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	957738	39.14	ng		71
17) 2-Methylphenol	7.12	107	391123	41.04	ng	#	77
18) Hexachloroethane	7.38	117	191534	40.44	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	327832	38.45	ng	#	98
20) 3+4-Methylphenols	7.27	107	462350	39.74	ng	#	65
22) Acetophenone	7.28	105	669999	39.86	ng	#	93
24) Nitrobenzene	7.45	77	550044	42.45	ng	#	79
25) Isophorone	7.69	82	964313	43.01	ng		98
26) 2-Nitrophenol	7.76	139	234792	39.76	ng		98
27) 2,4-Dimethylphenol	7.81	122	480762	43.52	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	561797	41.63	ng		99
29) 2,4-Dichlorophenol	8.01	162	403699	41.55	ng		88
30) 1,2,4-Trichlorobenzene	8.09	180	451420	41.44	ng		98
31) Naphthalene	8.17	128	1346152	39.94	ng		100
32) Benzoic acid	7.93	122	336645	41.35	ng	#	83
33) 4-Chloroaniline	8.22	127	208565	14.47	ng		99
34) Hexachlorobutadiene	8.30	225	278198	41.53	ng		99
35) Caprolactam	8.60	113	130996m	46.90	ng		
36) 4-Chloro-3-methylphenol	8.70	107	418398	39.88	ng		99
37) 2-Methylnaphthalene	8.87	142	929190	40.58	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	401997	35.36	ng		99
40) Hexachlorocyclopentadiene	9.02	237	516525	98.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	313948	42.49	ng		95
43) 2,4,5-Trichlorophenol	9.18	196	300058m	40.53	ng		
45) 1,1'-Biphenyl	9.33	154	1071083	36.94	ng		97
46) 2-Chloronaphthalene	9.35	162	803103	37.19	ng		98
47) 2-Nitroaniline	9.44	65	271917	35.06	ng	#	76
48) Acenaphthylene	9.77	152	1327524	39.05	ng		99
49) Dimethylphthalate	9.64	163	1052385	43.10	ng		99
50) 2,6-Dinitrotoluene	9.69	165	249390	45.70	ng	#	65
51) Acenaphthene	9.94	154	997437	43.50	ng		96
52) 3-Nitroaniline	9.85	138	143670	22.75	ng		94
53) 2,4-Dinitrophenol	9.97	184	234653	98.33	ng	#	65
54) Dibenzofuran	10.12	168	1298024	42.28	ng		91
55) 4-Nitrophenol	10.01	139	325638	71.38	ng		97
56) 2,4-Dinitrotoluene	10.09	165	339571	47.97	ng	#	85
57) Fluorene	10.46	166	936286	39.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	286691	45.35	ng		94
59) Diethylphthalate	10.33	149	1007650	41.81	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	443188	37.49	ng	#	89
61) 4-Nitroaniline	10.47	138	224811	37.90	ng		93
62) Azobenzene	10.61	77	1127604	45.85	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	150375	41.46	ng		86
65) n-Nitrosodiphenylamine	10.56	169	779854	39.07	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	324015	45.79	ng	#	80
67) Hexachlorobenzene	11.00	284	303857	39.74	ng	#	75
68) Atrazine	11.10	200	284596	44.02	ng		89
69) Pentachlorophenol	11.19	266	351299	78.03	ng		96
70) Phenanthrene	11.41	178	1309875	38.29	ng		100
71) Anthracene	11.46	178	1495148	44.03	ng		100
72) Carbazole	11.61	167	1171944	38.04	ng		99
73) Di-n-butylphthalate	11.96	149	1594911	45.67	ng		99
74) Fluoranthene	12.60	202	1462361	45.13	ng		100
76) Benzidine	12.71	184	455956	38.45	ng		98
77) Pyrene	12.82	202	1503303	49.04	ng		99
79) Butylbenzylphthalate	13.44	149	568239	49.50	ng	#	85
80) Benzo(a)anthracene	14.00	228	1048576	44.39	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	247333	29.72	ng	#	98
82) Chrysene	14.05	228	1110905	47.53	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	756887	52.02	ng	#	91
84) Di-n-octyl phthalate	14.62	149	1172018	53.23	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1076512	50.29	ng		95
87) Benzo(b)fluoranthene	15.03	252	1126199m	49.09	ng		
88) Benzo(k)fluoranthene	15.07	252	715128m	37.07	ng		
89) Benzo(a)pyrene	15.39	252	875441	42.49	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	880142	46.19	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	920569	46.85	ng		98

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

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