Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090669.D
Acq On : 20 Oct 2016 1:09
Operator : UM/SJ
Sample : PB94156BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Manual Integrations APPROVED
sohil
10/20/2016 6:40:18 PM

Quant Time: Oct 20 12:53:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208346	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	909860	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	453740	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	680060	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	456601	20.00	ng		-0.01
86) Perylene-d12	15.50	264	378673	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1464677	128.88	ng		0.01
7) Phenol-d6	6.53	99	1932613	114.44	ng		0.00
23) Nitrobenzene-d5	7.46	82	1227400	74.94	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	395452	97.76	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1900823	69.03	ng		-0.01
78) Terphenyl-d14	13.00	244	1523654	77.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	196771	30.38	ng		97
3) Pyridine	3.31	79	507805m	34.98	ng		
4) n-Nitrosodimethylamine	3.25	42	208283	41.26	ng		100
6) Aniline	6.55	93	385214	18.88	ng		98
8) 2-Chlorophenol	6.67	128	537142	36.45	ng		97
9) Benzaldehyde	6.43	77	45626	4.25	ng		89
10) Phenol	6.54	94	729506	37.77	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	572838	35.95	ng		97
12) 1,3-Dichlorobenzene	6.83	146	529732	36.05	ng		98
13) 1,4-Dichlorobenzene	6.91	146	522480	32.69	ng		98
14) 1,2-Dichlorobenzene	7.06	146	566476	37.91	ng		100
15) Benzyl Alcohol	7.03	79	479436	41.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	885714	39.50	ng		92
17) 2-Methylphenol	7.15	107	456926	39.79	ng		97
18) Hexachloroethane	7.40	117	219779	34.79	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	437445	37.78	ng		98
20) 3+4-Methylphenols	7.30	107	541946	38.93	ng		99
22) Acetophenone	7.30	105	749867	37.31	ng		94
24) Nitrobenzene	7.47	77	604540	35.96	ng		98
25) Isophorone	7.71	82	1143604	38.36	ng		99
26) 2-Nitrophenol	7.79	139	244084	32.01	ng		97
27) 2,4-Dimethylphenol	7.83	122	484017	38.25	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	693910	39.42	ng		99
29) 2,4-Dichlorophenol	8.03	162	370425	33.42	ng		88
30) 1,2,4-Trichlorobenzene	8.12	180	422873	32.57	ng		98
31) Naphthalene	8.20	128	1578046	34.05	ng		99
32) Benzoic acid	7.94	122	138673	17.84	ng		96
33) 4-Chloroaniline	8.25	127	231741	13.08	ng		98
34) Hexachlorobutadiene	8.31	225	239539	33.02	ng		100
35) Caprolactam	8.61	113	115773	37.42	ng	#	77
36) 4-Chloro-3-methylphenol	8.74	107	466319	36.46	ng	#	82
37) 2-Methylnaphthalene	8.89	142	955576	35.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	438461	36.45	ng		99
40) Hexachlorocyclopentadiene	9.05	237	304123	51.75	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	275774	40.64	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	264018	32.61	ng	#	86
45) 1,1'-Biphenyl	9.35	154	1238608	35.87	ng		99
46) 2-Chloronaphthalene	9.38	162	929579	36.11	ng		100
47) 2-Nitroaniline	9.48	65	346747	37.15	ng		92
48) Acenaphthylene	9.79	152	1381090	33.69	ng		99
49) Dimethylphthalate	9.65	163	1003769	34.10	ng		100
50) 2,6-Dinitrotoluene	9.72	165	239250	37.14	ng		95
51) Acenaphthene	9.96	154	849324	31.17	ng		99
52) 3-Nitroaniline	9.89	138	177867	22.00	ng		90
53) 2,4-Dinitrophenol	9.99	184	36213	15.30	ng	#	88
54) Dibenzofuran	10.13	168	1222601	34.11	ng	#	88
55) 4-Nitrophenol	10.05	139	245148	50.39	ng		90
56) 2,4-Dinitrotoluene	10.12	165	314259	35.92	ng		95
57) Fluorene	10.47	166	1010603	34.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	208306	30.90	ng		97
59) Diethylphthalate	10.35	149	1090679	36.53	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	502404	36.05	ng		99
61) 4-Nitroaniline	10.51	138	237745	29.33	ng		97
62) Azobenzene	10.63	77	1384215	40.08	ng		99
64) 4,6-Dinitro-2-methylphenol	10.53	198	32064	7.79	ng		82
65) n-Nitrosodiphenylamine	10.59	169	824561	36.71	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	250016	34.26	ng		99
67) Hexachlorobenzene	11.03	284	280671	35.43	ng	#	63
68) Atrazine	11.11	200	199609	32.13	ng		98
69) Pentachlorophenol	11.23	266	206047	52.47	ng		98
70) Phenanthrene	11.45	178	1305094	35.95	ng		100
71) Anthracene	11.49	178	1348072	34.50	ng		100
72) Carbazole	11.65	167	1195626	34.19	ng		100
73) Di-n-butylphthalate	11.98	149	1723930	42.07	ng		100
74) Fluoranthene	12.62	202	1113703	30.50	ng		89
76) Benzidine	12.76	184	147979	13.03	ng		96
77) Pyrene	12.85	202	1079545	35.70	ng		100
79) Butylbenzylphthalate	13.48	149	611116	45.61	ng		97
80) Benzo(a)anthracene	14.04	228	922843	35.50	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	202406	22.79	ng	#	95
82) Chrysene	14.09	228	976208	38.98	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	857337	47.43	ng		100
84) Di-n-octyl phthalate	14.65	149	1239933	51.16	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	801030	55.32	ng		98
87) Benzo(b)fluoranthene	15.09	252	921910	37.20	ng	#	94
88) Benzo(k)fluoranthene	15.12	252	786880m	29.51	ng		
89) Benzo(a)pyrene	15.45	252	798718	35.21	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	700478	40.49	ng		99
91) Benzo(g,h,i)perylene	17.37	276	613661	37.20	ng		97

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

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