Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088744.D
Acq On : 6 Jul 2016 20:01
Operator : UM/SJ
Sample : PB91776BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Manual Integrations
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7/7/2016 6:11:16 PM

Quant Time: Jul 07 12:48:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 01:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103084	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	417062	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	196860	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	380571	20.00	ng		0.00
75) Chrysene-d12	13.89	240	281101	20.00	ng		0.00
86) Perylene-d12	15.26	264	218690	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	822075	119.52	ng		0.02
7) Phenol-d6	6.40	99	992210	111.64	ng		0.01
23) Nitrobenzene-d5	7.31	82	692261	86.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	259847	142.14	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1203026	96.53	ng		0.00
78) Terphenyl-d14	12.85	244	1011190	80.12	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.03	79	274912	27.78	ng		95
4) n-Nitrosodimethylamine	2.99	42	120499	31.88	ng		88
6) Aniline	6.41	93	336350	25.97	ng	#	1
8) 2-Chlorophenol	6.54	128	294550	39.84	ng		97
9) Benzaldehyde	6.30	77	209680	34.83	ng		99
10) Phenol	6.41	94	420499	41.46	ng	#	68
11) bis(2-Chloroethyl)ether	6.49	93	256814	33.95	ng		91
12) 1,3-Dichlorobenzene	6.68	146	282329m	34.71	ng		
13) 1,4-Dichlorobenzene	6.76	146	286788	35.52	ng		95
14) 1,2-Dichlorobenzene	6.92	146	296971	39.29	ng		96
15) Benzyl Alcohol	6.90	79	286494	43.80	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	340100	31.05	ng		88
17) 2-Methylphenol	7.02	107	254601	42.22	ng		96
18) Hexachloroethane	7.27	117	119700	38.33	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	209086	35.02	ng		91
20) 3+4-Methylphenols	7.18	107	323923	44.75	ng	#	84
22) Acetophenone	7.16	105	405511	40.06	ng	#	87
24) Nitrobenzene	7.34	77	325998	40.63	ng	#	85
25) Isophorone	7.58	82	620963	42.12	ng		95
26) 2-Nitrophenol	7.66	139	176862	53.75	ng	#	86
27) 2,4-Dimethylphenol	7.70	122	308084	44.95	ng		89
28) bis(2-Chloroethoxy)methane	7.79	93	379705	39.58	ng	#	95
29) 2,4-Dichlorophenol	7.90	162	254911	46.02	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	242775	39.94	ng		98
31) Naphthalene	8.06	128	836011	40.66	ng		99
32) Benzoic acid	7.78	122	26515	5.33	ng		95
33) 4-Chloroaniline	8.10	127	187766	20.53	ng		95
34) Hexachlorobutadiene	8.18	225	145717	44.77	ng		99
35) Caprolactam	8.49	113	87277m	46.40	ng		
36) 4-Chloro-3-methylphenol	8.59	107	264571	40.39	ng		90
37) 2-Methylnaphthalene	8.75	142	567045	42.83	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	214545	32.77	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	233418	72.63	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	193579	44.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	171642	46.21	ng	#	81
45) 1,1'-Biphenyl	9.21	154	615453	37.75	ng		99
46) 2-Chloronaphthalene	9.23	162	501734	39.21	ng		97
47) 2-Nitroaniline	9.32	65	177723	39.13	ng		95
48) Acenaphthylene	9.64	152	786929	38.65	ng		100
49) Dimethylphthalate	9.52	163	580689	41.40	ng		100
50) 2,6-Dinitrotoluene	9.58	165	135048	43.45	ng	#	53
51) Acenaphthene	9.82	154	483408	38.73	ng		98
52) 3-Nitroaniline	9.74	138	101254	25.63	ng		85
53) 2,4-Dinitrophenol	9.85	184	45750	33.33	ng	#	68
54) Dibenzofuran	9.99	168	697534	42.70	ng	#	85
55) 4-Nitrophenol	9.92	139	274679	91.47	ng	#	73
56) 2,4-Dinitrotoluene	9.98	165	170629	41.98	ng	#	45
57) Fluorene	10.33	166	514381	40.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	150086	52.23	ng	#	55
59) Diethylphthalate	10.22	149	626530	44.51	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	274640	46.95	ng		93
61) 4-Nitroaniline	10.35	138	149812	39.40	ng		82
62) Azobenzene	10.49	77	755359	47.05	ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	57310	28.15	ng	#	61
65) n-Nitrosodiphenylamine	10.44	169	488097	37.90	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	153590	40.05	ng	#	73
67) Hexachlorobenzene	10.88	284	187651	44.20	ng	#	88
68) Atrazine	10.98	200	191184	47.63	ng		96
69) Pentachlorophenol	11.07	266	155615	61.94	ng		98
70) Phenanthrene	11.29	178	944307	45.39	ng		99
71) Anthracene	11.34	178	798145	38.58	ng		100
72) Carbazole	11.50	167	883145	45.36	ng		99
73) Di-n-butylphthalate	11.83	149	954381	42.14	ng	#	99
74) Fluoranthene	12.47	202	918106	43.53	ng		98
76) Benzidine	12.59	184	586079	41.25	ng		97
77) Pyrene	12.70	202	948553	39.80	ng		99
79) Butylbenzylphthalate	13.33	149	447389	42.08	ng		96
80) Benzo(a)anthracene	13.87	228	738722	40.81	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	127024	18.67	ng	#	95
82) Chrysene	13.91	228	686893	38.36	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	565843	46.62	ng	#	99
84) Di-n-octyl phthalate	14.49	149	958004	46.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	546776	39.69	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	608741	44.37	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	623412m	52.20	ng		
89) Benzo(a)pyrene	15.21	252	567915	48.89	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	451644	46.57	ng		98
91) Benzo(g,h,i)perylene	16.97	276	465002	46.33	ng		98

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

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