Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088708.D
Acq On : 5 Jul 2016 17:43
Operator : UM/SJ
Sample : PB91867BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91867BS

Manual Integrations APPROVED
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7/6/2016 7:19:12 PM

Quant Time: Jul 06 01:54:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 01:47:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104348	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	418731	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	207952	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	402043	20.00	ng		0.00
75) Chrysene-d12	13.92	240	256721	20.00	ng		0.00
86) Perylene-d12	15.30	264	210715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	713332	102.45	ng		0.01
7) Phenol-d6	6.42	99	957062	106.38	ng		0.01
23) Nitrobenzene-d5	7.35	82	705798	88.33	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	282777	146.44	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1174628	89.22	ng		0.00
78) Terphenyl-d14	12.87	244	973975	84.50	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.08	79	298817	29.83	ng		91
4) n-Nitrosodimethylamine	3.04	42	123421	32.25	ng		88
6) Aniline	6.43	93	311015	23.72	ng	#	1
8) 2-Chlorophenol	6.56	128	279961	37.41	ng		95
9) Benzaldehyde	6.32	77	246665	40.48	ng		86
10) Phenol	6.43	94	413141	40.24	ng	#	71
11) bis(2-Chloroethyl)ether	6.51	93	263125	34.36	ng		94
12) 1,3-Dichlorobenzene	6.72	146	311497	37.83	ng		97
13) 1,4-Dichlorobenzene	6.80	146	305070	37.32	ng		97
14) 1,2-Dichlorobenzene	6.95	146	293581m	38.38	ng		
15) Benzyl Alcohol	6.92	79	288783	43.61	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	345444	31.15	ng		90
17) 2-Methylphenol	7.04	107	246183	40.33	ng		96
18) Hexachloroethane	7.29	117	119906	37.93	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	208724	34.54	ng		92
20) 3+4-Methylphenols	7.20	107	327824	44.74	ng		89
22) Acetophenone	7.19	105	401086	39.47	ng	#	87
24) Nitrobenzene	7.36	77	312203	38.75	ng	#	83
25) Isophorone	7.60	82	620856	41.95	ng		95
26) 2-Nitrophenol	7.68	139	164240	49.72	ng		94
27) 2,4-Dimethylphenol	7.72	122	298818	43.43	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	362781	37.66	ng	#	95
29) 2,4-Dichlorophenol	7.92	162	240873	43.31	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	259123	42.46	ng		97
31) Naphthalene	8.08	128	821429	39.79	ng		100
33) 4-Chloroaniline	8.14	127	171858	18.71	ng	#	92
34) Hexachlorobutadiene	8.20	225	133435	40.84	ng		99
35) Caprolactam	8.51	113	85933m	45.50	ng		
36) 4-Chloro-3-methylphenol	8.62	107	296225	45.05	ng		90
37) 2-Methylnaphthalene	8.78	142	592864	44.60	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	225835	32.65	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	281339	82.87	ng		98
42) 2,4,6-Trichlorophenol	9.05	196	177006	38.81	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	192028	48.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.23	154	675312	39.22	ng		98
46) 2-Chloronaphthalene	9.26	162	521977	38.61	ng		96
47) 2-Nitroaniline	9.36	65	209095	43.58	ng		85
48) Acenaphthylene	9.68	152	903077	41.98	ng		99
49) Dimethylphthalate	9.54	163	619337	41.80	ng		99
50) 2,6-Dinitrotoluene	9.60	165	133894	40.78	ng	#	49
51) Acenaphthene	9.85	154	546698	41.46	ng		98
52) 3-Nitroaniline	9.76	138	97954	23.47	ng		82
53) 2,4-Dinitrophenol	9.87	184	36690	25.31	ng	#	77
54) Dibenzofuran	10.02	168	788754	45.71	ng		96
55) 4-Nitrophenol	9.94	139	283220	89.29	ng	#	83
56) 2,4-Dinitrotoluene	10.00	165	189658	44.18	ng	#	44
57) Fluorene	10.36	166	570656	42.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	142193	46.84	ng	#	47
59) Diethylphthalate	10.24	149	627516	42.21	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	261197	42.27	ng		97
61) 4-Nitroaniline	10.38	138	150089	37.37	ng		84
62) Azobenzene	10.51	77	786421	46.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	56729	26.38	ng	#	70
65) n-Nitrosodiphenylamine	10.48	169	543358	39.93	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	175030	43.20	ng		94
67) Hexachlorobenzene	10.90	284	164666	36.72	ng		96
68) Atrazine	11.01	200	176688	41.67	ng		93
69) Pentachlorophenol	11.10	266	139416	52.53	ng		98
70) Phenanthrene	11.31	178	816089	37.13	ng		99
71) Anthracene	11.37	178	942223	43.12	ng		98
72) Carbazole	11.52	167	795696	38.69	ng		99
73) Di-n-butylphthalate	11.86	149	1070532	44.75	ng		99
74) Fluoranthene	12.49	202	841381	37.76	ng		97
76) Benzidine	12.62	184	564960	43.54	ng		99
77) Pyrene	12.72	202	813058	37.35	ng		99
79) Butylbenzylphthalate	13.35	149	435947	44.90	ng	#	85
80) Benzo(a)anthracene	13.90	228	697001	42.16	ng		100
81) 3,3'-Dichlorobenzidine	13.87	252	107033	17.22	ng		99
82) Chrysene	13.94	228	696412	42.58	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	493551	44.52	ng		99
84) Di-n-octyl phthalate	14.51	149	782154	41.53	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	556418	44.22	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	589246m	44.58	ng		
88) Benzo(k)fluoranthene	14.94	252	456040m	39.63	ng		
89) Benzo(a)pyrene	15.25	252	480809	42.96	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	451096	48.27	ng		99
91) Benzo(g,h,i)perylene	17.04	276	480875	49.72	ng		95

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

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