Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088638.D
Acq On : 3 Jul 2016 9:44
Operator : UM/SJ
Sample : PB91776BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 04 05:29:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB91776BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113167	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	446736	20.00	ng		-0.03
38) Acenaphthene-d10	9.83	164	219921	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	444409	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	339711	20.00	ng		-0.02
86) Perylene-d12	15.33	264	328057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	849846	112.55	ng		-0.01
7) Phenol-d6	6.42	99	1069386	109.60	ng		-0.02
23) Nitrobenzene-d5	7.35	82	695281	81.56	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	297243	145.55	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1283810	92.21	ng		-0.02
78) Terphenyl-d14	12.89	244	1206715	79.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	110307	29.47	ng	#	33
3) Pyridine	3.10	79	166722	15.35	ng		94
4) n-Nitrosodimethylamine	3.04	42	72619	17.50	ng		88
6) Aniline	6.44	93	153242	10.78	ng		93
8) 2-Chlorophenol	6.57	128	183816	22.65	ng		94
9) Benzaldehyde	6.33	77	105234	15.92	ng		98
10) Phenol	6.43	94	177989	15.98	ng	#	65
11) bis(2-Chloroethyl)ether	6.52	93	181714	21.88	ng		89
12) 1,3-Dichlorobenzene	6.73	146	169919m	19.03	ng		
13) 1,4-Dichlorobenzene	6.80	146	171419	19.34	ng		95
14) 1,2-Dichlorobenzene	6.96	146	173890	20.96	ng		96
15) Benzyl Alcohol	6.92	79	158123	22.02	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	228345	18.99	ng		92
17) 2-Methylphenol	7.05	107	146797	22.17	ng		96
18) Hexachloroethane	7.30	117	69535	20.28	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	123897	18.90	ng		92
20) 3+4-Methylphenols	7.20	107	184184	23.18	ng	#	85
22) Acetophenone	7.20	105	250073	23.06	ng	#	89
24) Nitrobenzene	7.37	77	207355	24.12	ng		92
25) Isophorone	7.61	82	363405	23.01	ng		98
26) 2-Nitrophenol	7.69	139	85915	24.38	ng	#	78
27) 2,4-Dimethylphenol	7.72	122	161296	21.97	ng		89
28) bis(2-Chloroethoxy)methane	7.83	93	236623	23.03	ng	#	97
29) 2,4-Dichlorophenol	7.93	162	150519	25.37	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	141293	21.70	ng		99
31) Naphthalene	8.09	128	492789	22.38	ng		99
32) Benzoic acid	7.83	122	90404	16.96	ng		91
33) 4-Chloroaniline	8.14	127	92673	9.46	ng		95
34) Hexachlorobutadiene	8.22	225	78986	22.66	ng		99
35) Caprolactam	8.49	113	49663m	24.65	ng		
36) 4-Chloro-3-methylphenol	8.63	107	173369	24.71	ng		99
37) 2-Methylnaphthalene	8.79	142	336361	23.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121578	16.62	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	242614	67.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	110528	22.92	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	96149	23.17	ng	#	85
45) 1,1'-Biphenyl	9.24	154	390239	21.43	ng		99
46) 2-Chloronaphthalene	9.27	162	305470	21.37	ng		99
47) 2-Nitroaniline	9.36	65	96959	19.11	ng		92
48) Acenaphthylene	9.68	152	488840	21.49	ng		100
49) Dimethylphthalate	9.55	163	383295	24.46	ng		98
50) 2,6-Dinitrotoluene	9.61	165	88518	25.49	ng		99
51) Acenaphthene	9.85	154	361550	25.93	ng		98
52) 3-Nitroaniline	9.77	138	62508	14.16	ng		99
53) 2,4-Dinitrophenol	9.88	184	132428	86.37	ng	#	73
54) Dibenzofuran	10.02	168	442514	24.25	ng	#	88
55) 4-Nitrophenol	9.94	139	241236	71.91	ng		93
56) 2,4-Dinitrotoluene	10.01	165	124039	27.32	ng	#	83
57) Fluorene	10.36	166	324993	23.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	88914	27.70	ng	#	57
59) Diethylphthalate	10.25	149	379033	24.11	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	158864	24.31	ng		96
61) 4-Nitroaniline	10.38	138	82144	19.34	ng		85
62) Azobenzene	10.52	77	465506	25.95	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	46962	19.76	ng		88
65) n-Nitrosodiphenylamine	10.48	169	298326	19.83	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	95035	21.22	ng	#	90
67) Hexachlorobenzene	10.91	284	102285	20.63	ng		97
68) Atrazine	11.00	200	91187	19.46	ng		90
69) Pentachlorophenol	11.11	266	168225	57.34	ng		97
70) Phenanthrene	11.32	178	532756	21.93	ng		99
71) Anthracene	11.37	178	514598	21.30	ng		99
72) Carbazole	11.53	167	522707	22.99	ng		99
73) Di-n-butylphthalate	11.87	149	623575	23.58	ng		98
74) Fluoranthene	12.50	202	499885	20.30	ng		96
76) Benzidine	12.63	184	188124	10.96	ng		98
77) Pyrene	12.73	202	532931	18.50	ng		99
79) Butylbenzylphthalate	13.36	149	258369	20.11	ng	#	79
80) Benzo(a)anthracene	13.92	228	458882	20.98	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	95838	11.65	ng		98
82) Chrysene	13.95	228	464162	21.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	324791	22.14	ng	#	96
84) Di-n-octyl phthalate	14.54	149	609821	24.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	369984	22.22	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	411890m	20.01	ng		
88) Benzo(k)fluoranthene	14.96	252	426943m	23.83	ng		
89) Benzo(a)pyrene	15.26	252	399868	22.95	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	307472	21.13	ng		97
91) Benzo(g,h,i)perylene	17.05	276	301493	20.02	ng		99

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

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