Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090219.D
Acq On : 26 Sep 2016 14:19
Operator : UM/SJ
Sample : PB93609BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93609BS

Manual Integrations APPROVED
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9/27/2016 1:06:52 PM

Quant Time: Sep 27 04:35:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	136841	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	554543	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	294586	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	476318	20.00	ng		0.00
75) Chrysene-d12	13.60	240	367410	20.00	ng		0.00
86) Perylene-d12	14.91	264	317221	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	858447	102.25	ng		0.02
7) Phenol-d6	6.15	99	1179878	113.80	ng		0.01
23) Nitrobenzene-d5	7.05	82	635744	66.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	253614	100.35	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1205110	80.31	ng		-0.01
78) Terphenyl-d14	12.56	244	1030197	71.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	111930	24.57	ng		96
3) Pyridine	2.51	79	334279m	33.84	ng		
4) n-Nitrosodimethylamine	2.47	42	88823	30.13	ng		96
6) Aniline	6.14	93	293432	22.71	ng	#	75
8) 2-Chlorophenol	6.26	128	319182	33.04	ng		92
9) Benzaldehyde	6.01	77	157313	34.82	ng		95
10) Phenol	6.16	94	368523	30.07	ng	#	59
11) bis(2-Chloroethyl)ether	6.23	93	308030	32.23	ng		97
12) 1,3-Dichlorobenzene	6.41	146	329614	32.66	ng	#	95
13) 1,4-Dichlorobenzene	6.50	146	328759	31.91	ng		95
14) 1,2-Dichlorobenzene	6.65	146	324812m	35.39	ng		
15) Benzyl Alcohol	6.64	79	237960	38.49	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.78	45	366946	32.13	ng		94
17) 2-Methylphenol	6.76	107	267606	35.17	ng		98
18) Hexachloroethane	6.99	117	126709	34.48	ng	#	87
19) n-Nitroso-di-n-propylamine	6.91	70	215746	35.42	ng		97
20) 3+4-Methylphenols	6.92	107	347063	37.99	ng		97
22) Acetophenone	6.90	105	439911	32.90	ng	#	98
24) Nitrobenzene	7.07	77	343277	34.44	ng	#	89
25) Isophorone	7.31	82	628938	31.47	ng		98
26) 2-Nitrophenol	7.39	139	180489	36.77	ng	#	88
27) 2,4-Dimethylphenol	7.45	122	306155	35.11	ng		100
28) bis(2-Chloroethoxy)methane	7.54	93	410884	33.99	ng		99
29) 2,4-Dichlorophenol	7.63	162	257640	33.68	ng		87
30) 1,2,4-Trichlorobenzene	7.71	180	254504	33.31	ng		99
31) Naphthalene	7.79	128	952195	36.06	ng		99
32) Benzoic acid	7.60	122	174807	29.20	ng	#	83
33) 4-Chloroaniline	7.85	127	190827	17.42	ng		96
34) Hexachlorobutadiene	7.92	225	140941	34.97	ng		98
35) Caprolactam	8.23	113	92556m	36.56	ng		
36) 4-Chloro-3-methylphenol	8.35	107	308508	35.69	ng		91
37) 2-Methylnaphthalene	8.48	142	557101	33.93	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	233697	34.56	ng		99
40) Hexachlorocyclopentadiene	8.64	237	241877	72.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	165385	34.32	ng		99
43) 2,4,5-Trichlorophenol	8.81	196	181711	36.42	ng		99
45) 1,1'-Biphenyl	8.95	154	738839	35.06	ng		97
46) 2-Chloronaphthalene	8.96	162	547714	35.23	ng		97
47) 2-Nitroaniline	9.06	65	161496	34.45	ng	#	78
48) Acenaphthylene	9.37	152	828288	32.80	ng		99
49) Dimethylphthalate	9.26	163	631010	33.63	ng		98
50) 2,6-Dinitrotoluene	9.31	165	136618	32.67	ng		94
51) Acenaphthene	9.54	154	492447	32.86	ng		99
52) 3-Nitroaniline	9.47	138	96847	19.75	ng		83
53) 2,4-Dinitrophenol	9.59	184	142265	61.57	ng	#	92
54) Dibenzofuran	9.71	168	725197	36.77	ng		94
55) 4-Nitrophenol	9.67	139	244836	72.89	ng		98
56) 2,4-Dinitrotoluene	9.71	165	167643	33.90	ng		96
57) Fluorene	10.06	166	558267	37.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.84	232	139612	37.38	ng		98
59) Diethylphthalate	9.95	149	606929	33.49	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	236944	34.96	ng		93
61) 4-Nitroaniline	10.09	138	163006	32.62	ng		93
62) Azobenzene	10.22	77	741163	39.29	ng		95
64) 4,6-Dinitro-2-methylphenol	10.12	198	100997	33.85	ng		90
65) n-Nitrosodiphenylamine	10.18	169	575768	36.76	ng		100
66) 4-Bromophenyl-phenylether	10.54	248	157373	33.58	ng	#	74
67) Hexachlorobenzene	10.60	284	187914	34.40	ng	#	82
68) Atrazine	10.72	200	171477	39.95	ng		98
69) Pentachlorophenol	10.80	266	201890	65.11	ng		100
70) Phenanthrene	11.00	178	849908	38.15	ng		99
71) Anthracene	11.05	178	859864	36.80	ng		98
72) Carbazole	11.22	167	852654	34.52	ng		96
73) Di-n-butylphthalate	11.56	149	996980	34.71	ng		99
74) Fluoranthene	12.18	202	913151	38.19	ng		92
76) Benzidine	12.31	184	370906	30.16	ng		97
77) Pyrene	12.40	202	815498	32.44	ng		99
79) Butylbenzylphthalate	13.05	149	466333	37.92	ng		93
80) Benzo(a)anthracene	13.59	228	742134	37.54	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	184165	22.59	ng	#	97
82) Chrysene	13.62	228	683848	35.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	569017	36.16	ng		99
84) Di-n-octyl phthalate	14.22	149	1034982	38.18	ng		99
85) Indeno(1,2,3-cd)pyrene	16.06	276	606052	38.93	ng		97
87) Benzo(b)fluoranthene	14.57	252	607183m	34.57	ng		
88) Benzo(k)fluoranthene	14.59	252	593585m	36.01	ng		
89) Benzo(a)pyrene	14.87	252	577533	34.95	ng		98
90) Dibenzo(a,h)anthracene	16.07	278	512923	39.78	ng		96
91) Benzo(g,h,i)perylene	16.40	276	516426	40.92	ng		96

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

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