Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090217.D
Acq On : 26 Sep 2016 13:24
Operator : UM/SJ
Sample : PB93576BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93576BS

Manual Integrations APPROVED
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9/27/2016 1:07:03 PM

Quant Time: Sep 27 04:24:28 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	137266	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	569759	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	298216	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	490978	20.00	ng		0.00
75) Chrysene-d12	13.60	240	399199	20.00	ng		0.00
86) Perylene-d12	14.91	264	406697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	837885	99.50	ng		0.02
7) Phenol-d6	6.14	99	1117507	107.45	ng		0.00
23) Nitrobenzene-d5	7.05	82	602436	61.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	245754	96.06	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1166743	76.81	ng		-0.01
78) Terphenyl-d14	12.56	244	1013207	64.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	101163	22.14	ng		97
3) Pyridine	2.51	79	320826m	32.38	ng		
4) n-Nitrosodimethylamine	2.47	42	92886	31.41	ng		97
6) Aniline	6.14	93	303651	23.42	ng	#	74
8) 2-Chlorophenol	6.26	128	307559	31.74	ng		92
9) Benzaldehyde	6.01	77	166274	36.69	ng		97
10) Phenol	6.16	94	330526	26.88	ng	#	59
11) bis(2-Chloroethyl)ether	6.23	93	300325	31.32	ng		95
12) 1,3-Dichlorobenzene	6.41	146	314586	31.08	ng	#	94
13) 1,4-Dichlorobenzene	6.49	146	315002	30.48	ng		94
14) 1,2-Dichlorobenzene	6.65	146	310207	33.69	ng	#	94
15) Benzyl Alcohol	6.64	79	236409	38.12	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	344268	30.05	ng		96
17) 2-Methylphenol	6.76	107	254850	33.39	ng		98
18) Hexachloroethane	6.99	117	122174	33.14	ng	#	87
19) n-Nitroso-di-n-propylamine	6.91	70	209732	34.33	ng		97
20) 3+4-Methylphenols	6.92	107	334936	36.55	ng		97
22) Acetophenone	6.90	105	431746	31.42	ng	#	98
24) Nitrobenzene	7.07	77	327255	31.96	ng	#	88
25) Isophorone	7.31	82	586171	28.55	ng		97
26) 2-Nitrophenol	7.39	139	168154	33.34	ng	#	88
27) 2,4-Dimethylphenol	7.45	122	293037	32.71	ng		99
28) bis(2-Chloroethoxy)methane	7.54	93	399344	32.15	ng		99
29) 2,4-Dichlorophenol	7.63	162	244560	31.12	ng		87
30) 1,2,4-Trichlorobenzene	7.71	180	244198	31.11	ng		98
31) Naphthalene	7.79	128	914711	33.72	ng		99
32) Benzoic acid	7.59	122	144588	23.51	ng		94
33) 4-Chloroaniline	7.85	127	220680	19.61	ng		96
34) Hexachlorobutadiene	7.92	225	135553	32.73	ng		99
35) Caprolactam	8.22	113	85685m	32.94	ng		
36) 4-Chloro-3-methylphenol	8.35	107	297864	33.54	ng		91
37) 2-Methylnaphthalene	8.48	142	547869	32.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	227590	33.25	ng		99
40) Hexachlorocyclopentadiene	8.64	237	233867	69.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	160034	32.81	ng		99
43) 2,4,5-Trichlorophenol	8.81	196	173340	34.32	ng		98
45) 1,1'-Biphenyl	8.95	154	712070	33.37	ng		97
46) 2-Chloronaphthalene	8.96	162	503101	31.96	ng		97
47) 2-Nitroaniline	9.06	65	155041	32.67	ng	#	76
48) Acenaphthylene	9.37	152	785108	30.71	ng		99
49) Dimethylphthalate	9.26	163	602270	31.71	ng		99
50) 2,6-Dinitrotoluene	9.31	165	132453	31.29	ng		92
51) Acenaphthene	9.54	154	482783	31.82	ng		99
52) 3-Nitroaniline	9.47	138	103611	20.87	ng		86
53) 2,4-Dinitrophenol	9.59	184	131320	56.42	ng	#	88
54) Dibenzofuran	9.71	168	693502	34.73	ng		95
55) 4-Nitrophenol	9.67	139	228502	67.20	ng		91
56) 2,4-Dinitrotoluene	9.71	165	163787	32.72	ng		98
57) Fluorene	10.06	166	555989	36.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	134888	35.67	ng		99
59) Diethylphthalate	9.95	149	597738	32.59	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	231192	33.69	ng		93
61) 4-Nitroaniline	10.09	138	163508	32.32	ng		95
62) Azobenzene	10.22	77	702881	36.81	ng		95
64) 4,6-Dinitro-2-methylphenol	10.12	198	93014	30.25	ng		87
65) n-Nitrosodiphenylamine	10.18	169	552498	34.22	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	151200	31.30	ng	#	76
67) Hexachlorobenzene	10.60	284	174829	31.05	ng	#	80
68) Atrazine	10.72	200	167184	37.79	ng		99
69) Pentachlorophenol	10.80	266	193553	60.56	ng		100
70) Phenanthrene	11.00	178	836894	36.45	ng		99
71) Anthracene	11.05	178	821820	34.12	ng		99
72) Carbazole	11.21	167	822523	32.31	ng		98
73) Di-n-butylphthalate	11.57	149	947971	32.02	ng		100
74) Fluoranthene	12.18	202	889742	36.10	ng		92
76) Benzidine	12.31	184	433573	32.45	ng		98
77) Pyrene	12.40	202	804968	29.47	ng		99
79) Butylbenzylphthalate	13.05	149	442823	33.14	ng		94
80) Benzo(a)anthracene	13.59	228	748728	34.86	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	199635	22.54	ng	#	96
82) Chrysene	13.62	228	725994	34.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	550909	32.22	ng		100
84) Di-n-octyl phthalate	14.22	149	1041764	35.37	ng		99
85) Indeno(1,2,3-cd)pyrene	16.06	276	707441	41.82	ng		97
87) Benzo(b)fluoranthene	14.57	252	708854m	31.48	ng		
88) Benzo(k)fluoranthene	14.59	252	728394m	34.46	ng		
89) Benzo(a)pyrene	14.87	252	722008	34.08	ng		99
90) Dibenzo(a,h)anthracene	16.08	278	600001	36.30	ng		97
91) Benzo(g,h,i)perylene	16.40	276	580530	35.88	ng		97

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

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