Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088645.D
Acq On : 3 Jul 2016 13:08
Operator : UM/SJ
Sample : PB91848BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Manual Integrations
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7/5/2016 7:52:07 PM

Quant Time: Jul 04 05:42:49 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104806	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	417798	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	196533	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	397223	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	284634	20.00	ng		-0.03
86) Perylene-d12	15.31	264	283731	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	844696	120.79	ng		-0.01
7) Phenol-d6	6.42	99	955549	105.75	ng		-0.02
23) Nitrobenzene-d5	7.35	82	648994	81.40	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	259184	142.02	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1220534	98.10	ng		-0.02
78) Terphenyl-d14	12.88	244	1067508	83.54	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	107404	30.98	ng	#	33
3) Pyridine	3.10	79	160512	15.95	ng		92
4) n-Nitrosodimethylamine	3.04	42	69992	18.21	ng		86
6) Aniline	6.44	93	155002	11.77	ng		98
8) 2-Chlorophenol	6.57	128	171970	22.88	ng		91
9) Benzaldehyde	6.32	77	101248	16.54	ng	#	77
10) Phenol	6.43	94	230967	22.40	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	174617	22.71	ng		87
12) 1,3-Dichlorobenzene	6.72	146	164450m	19.88	ng		
13) 1,4-Dichlorobenzene	6.80	146	171465	20.89	ng		95
14) 1,2-Dichlorobenzene	6.96	146	162802	21.19	ng		97
15) Benzyl Alcohol	6.92	79	147384	22.16	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	221675	19.90	ng		90
17) 2-Methylphenol	7.04	107	140078	22.85	ng		97
18) Hexachloroethane	7.30	117	67131	21.14	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	122172	20.13	ng		93
20) 3+4-Methylphenols	7.20	107	187101	25.43	ng		92
22) Acetophenone	7.19	105	235641	23.24	ng	#	87
24) Nitrobenzene	7.37	77	185761	23.11	ng		99
25) Isophorone	7.61	82	347444	23.53	ng		99
26) 2-Nitrophenol	7.68	139	79386	24.08	ng		92
27) 2,4-Dimethylphenol	7.72	122	158424	23.08	ng		90
28) bis(2-Chloroethoxy)methane	7.83	93	224129	23.32	ng		96
29) 2,4-Dichlorophenol	7.93	162	139267	25.10	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	138378	22.73	ng		99
31) Naphthalene	8.09	128	498403	24.20	ng		99
32) Benzoic acid	7.83	122	86853	17.42	ng		90
33) 4-Chloroaniline	8.14	127	100948	11.02	ng		97
34) Hexachlorobutadiene	8.22	225	79359	24.34	ng		98
35) Caprolactam	8.48	113	48152m	25.55	ng		
36) 4-Chloro-3-methylphenol	8.63	107	163785	24.96	ng		98
37) 2-Methylnaphthalene	8.78	142	313632	23.65	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	123396	18.88	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	227683	70.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	96061	22.29	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	111353	30.03	ng	#	90
45) 1,1'-Biphenyl	9.24	154	401530	24.67	ng		100
46) 2-Chloronaphthalene	9.27	162	307915	24.10	ng		99
47) 2-Nitroaniline	9.36	65	104974	23.15	ng		96
48) Acenaphthylene	9.68	152	483394	23.78	ng		99
49) Dimethylphthalate	9.54	163	349372	24.95	ng		99
50) 2,6-Dinitrotoluene	9.61	165	79968	25.77	ng		90
51) Acenaphthene	9.85	154	342913	27.52	ng		98
52) 3-Nitroaniline	9.77	138	59695	15.13	ng		94
53) 2,4-Dinitrophenol	9.87	184	106587	77.79	ng	#	82
54) Dibenzofuran	10.02	168	419612	25.73	ng	#	88
55) 4-Nitrophenol	9.94	139	240774	80.32	ng	#	74
56) 2,4-Dinitrotoluene	10.01	165	113350	27.94	ng		99
57) Fluorene	10.36	166	322489	25.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	82441	28.74	ng	#	55
59) Diethylphthalate	10.25	149	385802	27.46	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	152325	26.08	ng		92
61) 4-Nitroaniline	10.38	138	74324	19.58	ng		83
62) Azobenzene	10.52	77	443081	27.64	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	51569	24.27	ng		90
65) n-Nitrosodiphenylamine	10.48	169	307372	22.86	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	88113	22.01	ng	#	71
67) Hexachlorobenzene	10.91	284	104490	23.58	ng	#	89
68) Atrazine	11.00	200	92167	22.00	ng		92
69) Pentachlorophenol	11.11	266	179220	68.34	ng		97
70) Phenanthrene	11.32	178	543429	25.03	ng		99
71) Anthracene	11.37	178	504377	23.36	ng		99
72) Carbazole	11.53	167	511881	25.19	ng		97
73) Di-n-butylphthalate	11.87	149	592501	25.07	ng	#	97
74) Fluoranthene	12.50	202	517488	23.51	ng		99
76) Benzidine	12.63	184	392389	27.27	ng		99
77) Pyrene	12.73	202	548374	22.72	ng		99
79) Butylbenzylphthalate	13.36	149	255814	23.76	ng		89
80) Benzo(a)anthracene	13.91	228	441177	24.07	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	74422	10.80	ng	#	93
82) Chrysene	13.95	228	445570	24.57	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	311175	25.32	ng		99
84) Di-n-octyl phthalate	14.53	149	556647	26.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	350316	25.11	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	432497m	24.30	ng		
88) Benzo(k)fluoranthene	14.95	252	350070m	22.59	ng		
89) Benzo(a)pyrene	15.26	252	371967	24.68	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	289566	23.01	ng		100
91) Benzo(g,h,i)perylene	17.05	276	284702	21.86	ng	#	93

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

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