Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086368.D
Acq On : 23 Apr 2016 3:52
Operator : UM/SJ
Sample : PB89989BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Manual Integrations APPROVED
sohil
4/25/2016 12:35:45 PM

Quant Time: Apr 25 01:04:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176474	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	739045	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	369641	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	699516	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	539137	20.00	ng		0.00
86) Perylene-d12	15.41	264	510565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1174365	114.92	ng		0.02
7) Phenol-d6	6.48	99	1457353	104.90	ng		0.00
23) Nitrobenzene-d5	7.40	82	932888	74.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	370150	110.62	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1650262	76.19	ng		0.00
78) Terphenyl-d14	12.94	244	1490879	68.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	169636	30.02	ng		94
3) Pyridine	3.22	79	426071	31.64	ng		94
4) n-Nitrosodimethylamine	3.15	42	173118	33.89	ng		90
6) Aniline	6.50	93	346509	20.44	ng		96
8) 2-Chlorophenol	6.62	128	469783	37.65	ng		99
9) Benzaldehyde	6.38	77	84982	10.07	ng		97
10) Phenol	6.49	94	608335	37.08	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	492276	34.47	ng		96
12) 1,3-Dichlorobenzene	6.78	146	487305	36.62	ng		96
13) 1,4-Dichlorobenzene	6.85	146	507595	34.73	ng		94
14) 1,2-Dichlorobenzene	7.01	146	479485	36.11	ng		95
15) Benzyl Alcohol	6.99	79	326432	39.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	636672	34.01	ng		99
17) 2-Methylphenol	7.10	107	384004	37.56	ng		98
18) Hexachloroethane	7.36	117	177035	35.96	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	279201	33.63	ng	#	85
20) 3+4-Methylphenols	7.25	107	430822	39.76	ng		97
22) Acetophenone	7.25	105	601630	38.80	ng	#	97
24) Nitrobenzene	7.42	77	479361	35.82	ng		94
25) Isophorone	7.66	82	860622	35.20	ng		97
26) 2-Nitrophenol	7.74	139	262463	39.70	ng		94
27) 2,4-Dimethylphenol	7.78	122	435139	38.43	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	563381	41.27	ng		99
29) 2,4-Dichlorophenol	7.98	162	402659	43.02	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	388687	38.23	ng		96
31) Naphthalene	8.14	128	1346465	35.76	ng		98
32) Benzoic acid	7.90	122	248415	34.32	ng		95
33) 4-Chloroaniline	8.20	127	135865	9.26	ng		98
34) Hexachlorobutadiene	8.27	225	197869	38.98	ng		98
35) Caprolactam	8.56	113	131210m	39.07	ng		
36) 4-Chloro-3-methylphenol	8.68	107	448068	40.28	ng		98
37) 2-Methylnaphthalene	8.84	142	896628	41.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	327543	34.25	ng		99
40) Hexachlorocyclopentadiene	8.99	237	365286	78.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	250115	39.89	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	286079	37.05	ng		98
45) 1,1'-Biphenyl	9.30	154	1051767	36.68	ng		97
46) 2-Chloronaphthalene	9.32	162	815053	35.91	ng		92
47) 2-Nitroaniline	9.42	65	280726	39.72	ng		93
48) Acenaphthylene	9.74	152	1400853	38.06	ng		99
49) Dimethylphthalate	9.61	163	1018115	38.13	ng		100
50) 2,6-Dinitrotoluene	9.66	165	227989	39.53	ng		93
51) Acenaphthene	9.92	154	942026	41.67	ng		99
52) 3-Nitroaniline	9.84	138	132876	18.40	ng		94
53) 2,4-Dinitrophenol	9.94	184	244909	81.67	ng		91
54) Dibenzofuran	10.09	168	1193067	41.09	ng		99
55) 4-Nitrophenol	10.00	139	388382	76.86	ng		86
56) 2,4-Dinitrotoluene	10.06	165	301324	39.34	ng		97
57) Fluorene	10.43	166	901793	37.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	248871	44.10	ng		95
59) Diethylphthalate	10.30	149	926479	36.23	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	375471	36.09	ng		97
61) 4-Nitroaniline	10.45	138	277720	37.57	ng		97
62) Azobenzene	10.58	77	1069747	40.34	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	164645	38.52	ng		96
65) n-Nitrosodiphenylamine	10.54	169	821839	38.10	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	263303	38.44	ng		92
67) Hexachlorobenzene	10.97	284	263483	36.05	ng	#	60
68) Atrazine	11.07	200	267967	40.24	ng		98
69) Pentachlorophenol	11.16	266	319093	74.36	ng		95
70) Phenanthrene	11.39	178	1336243	38.02	ng		100
71) Anthracene	11.44	178	1432164	35.56	ng		99
72) Carbazole	11.60	167	1474861	38.99	ng		100
73) Di-n-butylphthalate	11.93	149	1546860	38.87	ng		100
74) Fluoranthene	12.57	202	1409784	37.19	ng		98
76) Benzidine	12.69	184	450304	20.37	ng		97
77) Pyrene	12.80	202	1405088	37.37	ng		100
79) Butylbenzylphthalate	13.43	149	703591	40.17	ng		95
80) Benzo(a)anthracene	13.99	228	1023742	36.58	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	166667	8.63	ng	#	97
82) Chrysene	14.02	228	1245986	39.51	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	760024	38.75	ng		100
84) Di-n-octyl phthalate	14.59	149	1496811	39.75	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1022543	36.48	ng		100
87) Benzo(b)fluoranthene	15.00	252	999861m	35.68	ng		
88) Benzo(k)fluoranthene	15.04	252	1232018m	44.79	ng		
89) Benzo(a)pyrene	15.36	252	1066124	38.56	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	842341	36.93	ng		97
91) Benzo(g,h,i)perylene	17.20	276	864006	36.70	ng		98

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

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