Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086071.D
Acq On : 5 Apr 2016 8:20
Operator : UM/SJ
Sample : PB89469BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89469BS

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:18 PM

Quant Time: Apr 05 11:39:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	104093	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	392216	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	166768	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	257443	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	190801	20.00	ng		-0.01
86) Perylene-d12	15.32	264	157487	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	691935	113.62	ng		0.00
7) Phenol-d6	6.42	99	920337	118.98	ng		0.00
23) Nitrobenzene-d5	7.33	82	515766	77.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	150738	96.30	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	933423	93.06	ng		-0.01
78) Terphenyl-d14	12.87	244	646100	79.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	94525	32.74	ng		98
3) Pyridine	3.06	79	235061	36.37	ng		99
4) n-Nitrosodimethylamine	3.00	42	112386	39.54	ng		100
6) Aniline	6.43	93	199525	19.66	ng	#	16
8) 2-Chlorophenol	6.56	128	258247	35.56	ng		92
9) Benzaldehyde	6.30	77	101294	24.34	ng		89
10) Phenol	6.43	94	317768	36.01	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	248437	35.56	ng		95
12) 1,3-Dichlorobenzene	6.70	146	278415	36.17	ng		97
13) 1,4-Dichlorobenzene	6.78	146	279853	35.29	ng		93
14) 1,2-Dichlorobenzene	6.93	146	272670	37.36	ng		99
15) Benzyl Alcohol	6.91	79	184072	36.78	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	303109	35.51	ng		85
17) 2-Methylphenol	7.04	107	212416	37.10	ng		96
18) Hexachloroethane	7.28	117	76744	26.31	ng		93
19) n-Nitroso-di-n-propylamine	7.18	70	182973	38.16	ng		95
20) 3+4-Methylphenols	7.20	107	278008	39.92	ng	#	59
22) Acetophenone	7.17	105	357806	38.81	ng		95
24) Nitrobenzene	7.36	77	274907	37.78	ng	#	87
25) Isophorone	7.60	82	489442	37.28	ng	#	92
26) 2-Nitrophenol	7.66	139	104002	29.87	ng	#	76
27) 2,4-Dimethylphenol	7.72	122	226839	36.28	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	296709	38.52	ng		98
29) 2,4-Dichlorophenol	7.92	162	210021	39.73	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	226390	38.15	ng		95
31) Naphthalene	8.08	128	718217	36.40	ng		98
32) Benzoic acid	7.84	122	91801	20.01	ng		100
33) 4-Chloroaniline	8.13	127	102492	12.86	ng		98
34) Hexachlorobutadiene	8.19	225	119341	37.41	ng		99
35) Caprolactam	8.50	113	65531	39.08	ng		93
36) 4-Chloro-3-methylphenol	8.62	107	214408	36.08	ng		90
37) 2-Methylnaphthalene	8.76	142	470487	36.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	192765	38.46	ng		99
40) Hexachlorocyclopentadiene	8.91	237	10777	13.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	128229	39.84	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	133001	40.70	ng	#	90
45) 1,1'-Biphenyl	9.23	154	554206	38.54	ng		95
46) 2-Chloronaphthalene	9.25	162	422844	40.57	ng		98
47) 2-Nitroaniline	9.36	65	137589	45.11	ng		90
48) Acenaphthylene	9.66	152	645879	38.68	ng		99
49) Dimethylphthalate	9.53	163	481745	38.97	ng		100
50) 2,6-Dinitrotoluene	9.60	165	97289	37.20	ng	#	86
51) Acenaphthene	9.84	154	384399	38.71	ng		99
52) 3-Nitroaniline	9.77	138	114699	36.39	ng		90
53) 2,4-Dinitrophenol	9.89	184	8573	10.51	ng	#	80
54) Dibenzofuran	10.01	168	535635	40.84	ng		100
55) 4-Nitrophenol	9.95	139	113084	60.86	ng		92
56) 2,4-Dinitrotoluene	10.01	165	103816	31.42	ng	#	66
57) Fluorene	10.35	166	411752	36.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	90018	37.00	ng		97
59) Diethylphthalate	10.22	149	453830	36.38	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	191432	36.68	ng		98
61) 4-Nitroaniline	10.38	138	107294	34.57	ng		88
62) Azobenzene	10.50	77	484060	40.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	9769	6.26	ng	#	74
65) n-Nitrosodiphenylamine	10.46	169	379922	47.19	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	113077	43.02	ng		98
67) Hexachlorobenzene	10.90	284	111289	40.95	ng	#	92
68) Atrazine	10.99	200	105073	40.39	ng		98
69) Pentachlorophenol	11.09	266	88843	69.74	ng		97
70) Phenanthrene	11.31	178	558962	39.80	ng		99
71) Anthracene	11.36	178	533350	36.25	ng		98
72) Carbazole	11.52	167	458022	36.22	ng		99
73) Di-n-butylphthalate	11.85	149	709650	45.29	ng		100
74) Fluoranthene	12.50	202	488558	33.44	ng		88
76) Benzidine	12.63	184	395328	58.73	ng		98
77) Pyrene	12.72	202	485149	36.08	ng		99
79) Butylbenzylphthalate	13.33	149	238942	39.47	ng	#	64
80) Benzo(a)anthracene	13.91	228	407000	36.19	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	126434	15.39	ng		100
82) Chrysene	13.95	228	391837	36.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	323803	40.30	ng		100
84) Di-n-octyl phthalate	14.51	149	592733	46.19	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	317274	36.10	ng		99
87) Benzo(b)fluoranthene	14.92	252	454329m	45.86	ng		
88) Benzo(k)fluoranthene	14.96	252	272999m	31.12	ng		
89) Benzo(a)pyrene	15.27	252	337815	38.49	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	277405	39.28	ng		98
91) Benzo(g,h,i)perylene	17.08	276	249344	36.48	ng		97

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

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