Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089083.D
Acq On : 18 Jul 2016 14:38
Operator : UM/SJ
Sample : PB92185BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92185BS

Quant Time: Jul 19 03:31:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 03:29:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	49592	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	210373	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	98663	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	186014	20.00	ng		0.00
75) Chrysene-d12	13.77	240	129795	20.00	ng		0.00
86) Perylene-d12	15.13	264	103512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	247821	74.89	ng		0.00
7) Phenol-d6	6.30	99	326356	76.33	ng		0.00
23) Nitrobenzene-d5	7.21	82	286070	71.26	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	68703	74.99	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	513309	82.18	ng		0.00
78) Terphenyl-d14	12.73	244	432849	74.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	54143	33.00	ng	#	28
3) Pyridine	2.74	79	143041	30.05	ng		94
4) n-Nitrosodimethylamine	2.71	42	63714	35.03	ng		97
6) Aniline	6.30	93	219987	35.30	ng	#	61
8) 2-Chlorophenol	6.42	128	136085	38.26	ng		96
9) Benzaldehyde	6.18	77	93198	32.18	ng		90
10) Phenol	6.31	94	190060	38.95	ng	#	59
11) bis(2-Chloroethyl)ether	6.39	93	141932	39.00	ng		85
12) 1,3-Dichlorobenzene	6.58	146	163592	41.80	ng		96
13) 1,4-Dichlorobenzene	6.66	146	162582	41.85	ng		99
14) 1,2-Dichlorobenzene	6.81	146	144103m	39.63	ng		
15) Benzyl Alcohol	6.79	79	120444	38.28	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	169026	32.07	ng		88
17) 2-Methylphenol	6.91	107	106483	36.70	ng		93
18) Hexachloroethane	7.15	117	62753	41.76	ng		88
19) n-Nitroso-di-n-propylamine	7.07	70	112917	39.32	ng		88
20) 3+4-Methylphenols	7.07	107	146008	41.93	ng	#	80
22) Acetophenone	7.06	105	213934	41.90	ng	#	93
24) Nitrobenzene	7.23	77	175364	43.33	ng		89
25) Isophorone	7.47	82	262803	35.34	ng		96
26) 2-Nitrophenol	7.55	139	72143	43.47	ng	#	75
27) 2,4-Dimethylphenol	7.60	122	124916	36.13	ng		87
28) bis(2-Chloroethoxy)methane	7.69	93	174321	36.02	ng	#	96
29) 2,4-Dichlorophenol	7.79	162	108752	38.93	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	128314	41.85	ng		99
31) Naphthalene	7.95	128	462031	44.55	ng		98
32) Benzoic acid	7.75	122	100408	40.00	ng		94
33) 4-Chloroaniline	8.01	127	180067	39.02	ng	#	92
34) Hexachlorobutadiene	8.07	225	65391	39.83	ng		99
35) Caprolactam	8.38	113	32049	33.78	ng		97
36) 4-Chloro-3-methylphenol	8.50	107	146842	44.45	ng		99
37) 2-Methylnaphthalene	8.64	142	266798	39.95	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	154496	47.08	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	67358	41.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	86959	40.19	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	77211	41.48	ng		97
45) 1,1'-Biphenyl	9.11	154	373648	45.73	ng		97
46) 2-Chloronaphthalene	9.13	162	274921	42.86	ng		96
47) 2-Nitroaniline	9.22	65	76632	33.67	ng		95
48) Acenaphthylene	9.54	152	440618	43.18	ng		99
49) Dimethylphthalate	9.42	163	307254	43.71	ng		99
50) 2,6-Dinitrotoluene	9.47	165	68848	44.19	ng	#	69
51) Acenaphthene	9.71	154	259224	41.44	ng		98
52) 3-Nitroaniline	9.63	138	68787	34.73	ng		86
53) 2,4-Dinitrophenol	9.75	184	41502	60.33	ng		89
54) Dibenzofuran	9.88	168	352106	43.00	ng		94
55) 4-Nitrophenol	9.82	139	64275	42.71	ng		91
56) 2,4-Dinitrotoluene	9.87	165	80378	39.46	ng	#	43
57) Fluorene	10.22	166	265134	42.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	52428	36.40	ng	#	47
59) Diethylphthalate	10.11	149	290362	41.16	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	120915	41.24	ng		90
61) 4-Nitroaniline	10.25	138	80746	42.37	ng		84
62) Azobenzene	10.38	77	318387	39.57	ng		95
64) 4,6-Dinitro-2-methylphenol	10.28	198	49373	49.63	ng	#	69
65) n-Nitrosodiphenylamine	10.34	169	263085	41.79	ng		98
66) 4-Bromophenyl-phenylether	10.71	248	77870	41.54	ng		97
67) Hexachlorobenzene	10.76	284	71264	34.34	ng	#	87
68) Atrazine	10.87	200	64793	33.03	ng		91
69) Pentachlorophenol	10.96	266	45524	37.07	ng		97
70) Phenanthrene	11.18	178	428043	42.10	ng		98
71) Anthracene	11.22	178	381467	37.73	ng		98
72) Carbazole	11.38	167	334931	35.20	ng		99
73) Di-n-butylphthalate	11.72	149	445349	40.23	ng		99
74) Fluoranthene	12.35	202	407190	39.50	ng		100
76) Benzidine	12.48	184	199582	30.42	ng		99
77) Pyrene	12.58	202	453772	41.23	ng		99
79) Butylbenzylphthalate	13.21	149	194685	39.66	ng	#	85
80) Benzo(a)anthracene	13.76	228	324241	38.80	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	121658	38.72	ng		99
82) Chrysene	13.81	228	317868	38.44	ng		98
83) Bis(2-ethylhexyl)phthalate	13.77	149	237465	42.37	ng	#	97
84) Di-n-octyl phthalate	14.39	149	374871	39.37	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.38	276	211798	33.29	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	312598m	48.14	ng		
88) Benzo(k)fluoranthene	14.79	252	221916m	39.26	ng		
89) Benzo(a)pyrene	15.07	252	231429	42.10	ng		98
90) Dibenzo(a,h)anthracene	16.39	278	183893	40.06	ng		98
91) Benzo(g,h,i)perylene	16.75	276	183265	38.58	ng		98

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

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