Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084492.D
Acq On : 15 Jan 2016 15:49
Operator : SJ/UM
Sample : PB87835BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87835BS

Quant Time: Jan 16 02:25:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	287850	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1174135	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	551400	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	977473	20.00	ng		0.01
75) Chrysene-d12	13.99	240	590160	20.00	ng		0.00
86) Perylene-d12	15.40	264	594700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2037613	114.50	ng		0.01
7) Phenol-d6	6.48	99	2740271	122.60	ng		0.01
23) Nitrobenzene-d5	7.39	82	1689250	80.07	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	629280	113.04	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2914803	93.64	ng		0.00
78) Terphenyl-d14	12.94	244	2573393	97.33	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	288144	34.18	ng	#	79
3) Pyridine	3.17	79	881839	37.52	ng	#	77
4) n-Nitrosodimethylamine	3.13	42	428944	35.55	ng	#	91
6) Aniline	6.49	93	419499	12.83	ng	#	1
8) 2-Chlorophenol	6.61	128	859612	42.57	ng		94
9) Benzaldehyde	6.36	77	69413	4.77	ng		92
10) Phenol	6.49	94	1147177	45.14	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	860278	43.70	ng		89
12) 1,3-Dichlorobenzene	6.76	146	818308	39.29	ng	#	94
13) 1,4-Dichlorobenzene	6.84	146	866683	41.49	ng		95
14) 1,2-Dichlorobenzene	6.99	146	749239	37.46	ng		94
15) Benzyl Alcohol	6.97	79	687005	36.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1338115	37.33	ng		89
17) 2-Methylphenol	7.09	107	727490	42.99	ng		96
18) Hexachloroethane	7.33	117	321319	38.47	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	555298	36.70	ng	#	74
20) 3+4-Methylphenols	7.24	107	842531	42.36	ng	#	53
22) Acetophenone	7.24	105	1151137	40.77	ng	#	95
24) Nitrobenzene	7.41	77	962040	44.96	ng		97
25) Isophorone	7.65	82	1646500	40.81	ng		97
26) 2-Nitrophenol	7.73	139	483213	49.62	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	854238	43.34	ng		88
28) bis(2-Chloroethoxy)methane	7.87	93	1065779	43.24	ng	#	96
29) 2,4-Dichlorophenol	7.97	162	686654	41.82	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	741866	43.76	ng		95
31) Naphthalene	8.13	128	2254669	42.32	ng		98
32) Benzoic acid	7.90	122	483753	39.43	ng		96
33) 4-Chloroaniline	8.18	127	172274	7.05	ng		99
34) Hexachlorobutadiene	8.25	225	391659	40.19	ng		98
35) Caprolactam	8.56	113	247279m	44.67	ng		
36) 4-Chloro-3-methylphenol	8.68	107	778797	42.34	ng		100
37) 2-Methylnaphthalene	8.83	142	1633921	42.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	612799	38.66	ng		99
40) Hexachlorocyclopentadiene	8.98	237	605268	63.25	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	478862	40.38	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	500787	44.05	ng		94
45) 1,1'-Biphenyl	9.29	154	1820952	41.55	ng		98
46) 2-Chloronaphthalene	9.31	162	1432690	41.62	ng		96
47) 2-Nitroaniline	9.41	65	460268	40.51	ng		96
48) Acenaphthylene	9.73	152	2212251	43.50	ng		96
49) Dimethylphthalate	9.60	163	1602698	40.66	ng	#	89
50) 2,6-Dinitrotoluene	9.66	165	388771	44.97	ng	#	83
51) Acenaphthene	9.90	154	1699859	49.83	ng		98
52) 3-Nitroaniline	9.82	138	150213	14.02	ng	#	83
53) 2,4-Dinitrophenol	9.94	184	451237	120.63	ng	#	79
54) Dibenzofuran	10.08	168	1893394	42.70	ng		94
55) 4-Nitrophenol	10.01	139	677189	87.08	ng	#	83
56) 2,4-Dinitrotoluene	10.06	165	553916	50.62	ng		95
57) Fluorene	10.42	166	1532799	44.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	408325	42.07	ng		87
59) Diethylphthalate	10.30	149	1690065	43.48	ng		94
60) 4-Chlorophenyl-phenylether	10.41	204	637563	44.06	ng		93
61) 4-Nitroaniline	10.44	138	352136	36.87	ng		88
62) Azobenzene	10.57	77	1672284	39.23	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	271869	45.75	ng	#	56
65) n-Nitrosodiphenylamine	10.53	169	1323615	42.35	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	440977	41.91	ng	#	84
67) Hexachlorobenzene	10.97	284	513124	43.33	ng	#	89
68) Atrazine	11.06	200	341081	33.35	ng		98
69) Pentachlorophenol	11.16	266	490097	79.82	ng		99
70) Phenanthrene	11.38	178	2244462	43.90	ng		95
71) Anthracene	11.42	178	2140934	42.72	ng		98
72) Carbazole	11.58	167	1832948	37.41	ng		98
73) Di-n-butylphthalate	11.92	149	2357234	45.35	ng	#	96
74) Fluoranthene	12.57	202	2207819	41.34	ng		93
77) Pyrene	12.78	202	2175517	46.98	ng		99
79) Butylbenzylphthalate	13.41	149	969706	48.39	ng		92
80) Benzo(a)anthracene	13.97	228	1538371	44.39	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	223084	18.45	ng	#	94
82) Chrysene	14.02	228	1590024	47.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1161736	45.88	ng		99
84) Di-n-octyl phthalate	14.59	149	2055633	48.09	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1691041	64.07	ng		98
87) Benzo(b)fluoranthene	15.00	252	1479605	38.03	ng	#	95
88) Benzo(k)fluoranthene	15.04	252	1482912m	46.61	ng		
89) Benzo(a)pyrene	15.35	252	1470765	44.57	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	1397741	49.23	ng		98
91) Benzo(g,h,i)perylene	17.21	276	1423550	48.41	ng		97

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

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