Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081199.D
Acq On : 25 Aug 2015 13:21
Operator : UM/IZ
Sample : PB85134BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85134BS

Quant Time: Aug 26 00:22:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	71365	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	276025	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	126347	20.00	ng		-0.01
63) Phenanthrene-d10	11.03	188	236894	20.00	ng		-0.01
75) Chrysene-d12	13.65	240	200287	20.00	ng		-0.01
86) Perylene-d12	14.97	264	161057	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	539368	113.68	ng		0.01
7) Phenol-d6	6.18	99	667918	107.89	ng		-0.01
23) Nitrobenzene-d5	7.10	82	432296	71.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	125823	114.88	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	758554	78.67	ng		0.00
78) Terphenyl-d14	12.62	244	684610	73.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	72236	32.31	ng		92
3) Pyridine	2.62	79	204421	32.39	ng		82
4) n-Nitrosodimethylamine	2.57	42	126727	36.07	ng	#	77
6) Aniline	6.18	93	230047	25.56	ng	#	63
8) 2-Chlorophenol	6.31	128	187708	36.14	ng		97
9) Benzaldehyde	6.07	77	103181	25.85	ng		88
10) Phenol	6.20	94	232866	31.85	ng		97
11) bis(2-Chloroethyl)ether	6.28	93	195103	34.78	ng		91
12) 1,3-Dichlorobenzene	6.47	146	204660	36.68	ng		96
13) 1,4-Dichlorobenzene	6.55	146	200731	36.33	ng		98
14) 1,2-Dichlorobenzene	6.70	146	194972	37.70	ng		97
15) Benzyl Alcohol	6.69	79	185901	37.12	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.82	45	384817	34.91	ng		99
17) 2-Methylphenol	6.81	107	174500	39.16	ng		95
18) Hexachloroethane	7.04	117	82488	36.95	ng		93
19) n-Nitroso-di-n-propylamine	6.96	70	153788	35.86	ng		92
20) 3+4-Methylphenols	6.96	107	212356	37.55	ng	#	60
22) Acetophenone	6.95	105	286427	39.53	ng	#	87
24) Nitrobenzene	7.12	77	257872	40.82	ng		99
25) Isophorone	7.36	82	424067	37.63	ng		98
26) 2-Nitrophenol	7.44	139	106951	40.71	ng	#	66
27) 2,4-Dimethylphenol	7.49	122	182653	39.30	ng		95
28) bis(2-Chloroethoxy)methane	7.59	93	270703	40.67	ng		98
29) 2,4-Dichlorophenol	7.68	162	152970	39.09	ng		89
30) 1,2,4-Trichlorobenzene	7.76	180	167459	38.50	ng		98
31) Naphthalene	7.84	128	581638	37.80	ng		99
32) Benzoic acid	7.64	122	117849	45.08	ng		93
33) 4-Chloroaniline	7.90	127	131800	20.30	ng	#	85
34) Hexachlorobutadiene	7.96	225	93715	38.10	ng		97
35) Caprolactam	8.28	113	57738m	42.22	ng		
36) 4-Chloro-3-methylphenol	8.39	107	176539	37.85	ng		97
37) 2-Methylnaphthalene	8.53	142	355686	36.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	157778	38.70	ng	#	97
40) Hexachlorocyclopentadiene	8.69	237	167503	79.39	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	106855	37.10	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	111873	38.87	ng		98
45) 1,1'-Biphenyl	9.00	154	459853	41.32	ng		97
46) 2-Chloronaphthalene	9.02	162	332452	37.18	ng		98
47) 2-Nitroaniline	9.12	65	149787	40.94	ng	#	74
48) Acenaphthylene	9.43	152	544418	34.04	ng		100
49) Dimethylphthalate	9.32	163	396790	38.13	ng		98
50) 2,6-Dinitrotoluene	9.36	165	75492	33.79	ng	#	59
51) Acenaphthene	9.60	154	327002	34.15	ng		99
52) 3-Nitroaniline	9.53	138	68499	24.50	ng	#	66
53) 2,4-Dinitrophenol	9.64	184	86270	71.04	ng		85
54) Dibenzofuran	9.77	168	484921	37.79	ng		99
55) 4-Nitrophenol	9.70	139	146528	74.62	ng		86
56) 2,4-Dinitrotoluene	9.76	165	103622	34.99	ng	#	48
57) Fluorene	10.10	166	328523	33.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.89	232	81429m	36.55	ng		
59) Diethylphthalate	10.00	149	405896	36.85	ng		98
60) 4-Chlorophenyl-phenylether	10.10	204	152184	36.44	ng		96
61) 4-Nitroaniline	10.14	138	87438	30.60	ng		91
62) Azobenzene	10.26	77	492509	38.81	ng		97
64) 4,6-Dinitro-2-methylphenol	10.17	198	64064	45.28	ng	#	63
65) n-Nitrosodiphenylamine	10.23	169	330337	39.06	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	96612	41.51	ng		97
67) Hexachlorobenzene	10.65	284	103514	43.92	ng	#	90
68) Atrazine	10.77	200	111444	47.30	ng		95
69) Pentachlorophenol	10.85	266	110721	78.30	ng		99
70) Phenanthrene	11.05	178	496001	35.33	ng		100
71) Anthracene	11.11	178	574111	42.02	ng		99
72) Carbazole	11.27	167	570372	43.36	ng		100
73) Di-n-butylphthalate	11.61	149	617961	38.83	ng		98
74) Fluoranthene	12.23	202	538260	35.53	ng		93
76) Benzidine	12.37	184	318559	42.10	ng		98
77) Pyrene	12.46	202	623792	38.31	ng		99
79) Butylbenzylphthalate	13.10	149	299161	42.74	ng	#	85
80) Benzo(a)anthracene	13.64	228	506142	37.68	ng		100
81) 3,3'-Dichlorobenzidine	13.61	252	113088	25.99	ng	#	96
82) Chrysene	13.67	228	434212	35.87	ng		100
83) Bis(2-ethylhexyl)phthalate	13.66	149	375681	41.91	ng	#	97
84) Di-n-octyl phthalate	14.27	149	646013	47.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.15	276	383299	45.10	ng	#	93
87) Benzo(b)fluoranthene	14.63	252	473322m	41.55	ng		
88) Benzo(k)fluoranthene	14.65	252	352089m	33.17	ng		
89) Benzo(a)pyrene	14.93	252	409681	41.27	ng	#	96
90) Dibenzo(a,h)anthracene	16.16	278	319938	41.36	ng	#	92
91) Benzo(g,h,i)perylene	16.51	276	311249	39.66	ng	#	96

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

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