Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082356.D
Acq On : 19 Oct 2015 15:31
Operator : UM/IZ
Sample : PB86128BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86128BS

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:46 PM

Quant Time: Oct 20 02:17:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95360	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	373563	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	196190	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	373812	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	341594	20.00	ng		0.00
86) Perylene-d12	15.69	264	269923	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	384145	81.30	ng		0.00
7) Phenol-d6	6.45	99	511048	83.11	ng		0.00
23) Nitrobenzene-d5	7.37	82	464194	83.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	134803	73.27	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1010289	85.40	ng		0.00
78) Terphenyl-d14	12.95	244	967654	75.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	72013	30.33	ng		97
3) Pyridine	3.10	79	212455	38.48	ng		99
4) n-Nitrosodimethylamine	3.06	42	93893	40.10	ng		97
6) Aniline	6.47	93	263065	33.18	ng		97
8) 2-Chlorophenol	6.58	128	241192	41.81	ng		82
9) Benzaldehyde	6.34	77	118431	37.72	ng		91
10) Phenol	6.46	94	300818	42.43	ng		90
11) bis(2-Chloroethyl)ether	6.54	93	239044	39.87	ng		90
12) 1,3-Dichlorobenzene	6.74	146	276014m	41.09	ng		
13) 1,4-Dichlorobenzene	6.82	146	281652	40.15	ng		98
14) 1,2-Dichlorobenzene	6.97	146	271977	40.83	ng		96
15) Benzyl Alcohol	6.95	79	193817	45.66	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	330356	39.57	ng		97
17) 2-Methylphenol	7.07	107	201404	44.16	ng		98
18) Hexachloroethane	7.31	117	98905	41.19	ng	#	89
19) n-Nitroso-di-n-propylamine	7.22	70	161810	37.47	ng	#	87
20) 3+4-Methylphenols	7.22	107	239498	44.06	ng		92
22) Acetophenone	7.22	105	335503	45.40	ng	#	94
24) Nitrobenzene	7.39	77	250992	41.68	ng		98
25) Isophorone	7.63	82	476208	42.42	ng		99
26) 2-Nitrophenol	7.71	139	143408	47.70	ng		99
27) 2,4-Dimethylphenol	7.76	122	233273	48.16	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	303217	46.42	ng		99
29) 2,4-Dichlorophenol	7.95	162	222108	45.87	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	237528	42.56	ng		97
31) Naphthalene	8.11	128	681628	42.09	ng		99
32) Benzoic acid	7.89	122	128850	39.63	ng		98
33) 4-Chloroaniline	8.17	127	162214	24.12	ng		99
34) Hexachlorobutadiene	8.23	225	142502	40.98	ng		98
35) Caprolactam	8.55	113	65944	46.93	ng	#	71
36) 4-Chloro-3-methylphenol	8.66	107	230067	48.59	ng		98
37) 2-Methylnaphthalene	8.81	142	520417	46.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	237358	40.68	ng		98
40) Hexachlorocyclopentadiene	8.96	237	204645	70.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	168443	43.46	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	170889	40.70	ng	#	87
45) 1,1'-Biphenyl	9.28	154	648922	43.38	ng		95
46) 2-Chloronaphthalene	9.30	162	506042	42.97	ng		98
47) 2-Nitroaniline	9.41	65	153970	47.62	ng	#	80
48) Acenaphthylene	9.71	152	742318	40.46	ng		100
49) Dimethylphthalate	9.59	163	611893	44.29	ng		98
50) 2,6-Dinitrotoluene	9.65	165	121821	41.79	ng	#	77
51) Acenaphthene	9.89	154	442590	40.18	ng		99
52) 3-Nitroaniline	9.82	138	80257	24.37	ng		91
53) 2,4-Dinitrophenol	9.93	184	136783	83.65	ng		95
54) Dibenzofuran	10.06	168	649779	42.97	ng		95
55) 4-Nitrophenol	9.99	139	166851	75.16	ng	#	82
56) 2,4-Dinitrotoluene	10.06	165	182573	50.11	ng		95
57) Fluorene	10.40	166	510223	41.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	153350	44.70	ng		100
59) Diethylphthalate	10.29	149	611456	47.48	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	272140	47.84	ng	#	82
61) 4-Nitroaniline	10.43	138	131090	41.05	ng		93
62) Azobenzene	10.56	77	590175	46.83	ng		88
64) 4,6-Dinitro-2-methylphenol	10.47	198	92175	43.94	ng		82
65) n-Nitrosodiphenylamine	10.51	169	483129	43.17	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	162140	43.34	ng	#	82
67) Hexachlorobenzene	10.95	284	168797	41.72	ng	#	76
68) Atrazine	11.05	200	177423	50.04	ng		99
69) Pentachlorophenol	11.15	266	185475	89.09	ng		98
70) Phenanthrene	11.37	178	863297	47.12	ng		98
71) Anthracene	11.42	178	822081	43.54	ng		99
72) Carbazole	11.58	167	726562	42.18	ng		99
73) Di-n-butylphthalate	11.91	149	974195	45.85	ng		99
74) Fluoranthene	12.56	202	853124	43.35	ng		97
76) Benzidine	12.70	184	374352	37.82	ng		98
77) Pyrene	12.80	202	956233	47.17	ng		99
79) Butylbenzylphthalate	13.45	149	394684	42.66	ng		95
80) Benzo(a)anthracene	14.08	228	767221	43.17	ng		100
81) 3,3'-Dichlorobenzidine	14.05	252	187501	27.79	ng	#	97
82) Chrysene	14.12	228	706137	37.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	553508	41.94	ng	#	97
84) Di-n-octyl phthalate	14.79	149	946925	41.78	ng		99
85) Indeno(1,2,3-cd)pyrene	17.13	276	599388	40.27	ng		98
87) Benzo(b)fluoranthene	15.27	252	726302	44.23	ng	#	96
88) Benzo(k)fluoranthene	15.29	252	599892m	43.46	ng		
89) Benzo(a)pyrene	15.62	252	628552	44.54	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	508253	43.95	ng		97
91) Benzo(g,h,i)perylene	17.56	276	499327	44.44	ng		97

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

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