Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082962.D
Acq On : 17 Nov 2015 2:46
Operator : UM/IZ
Sample : PB86680BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86680BSD

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:56:16 PM

Quant Time: Nov 17 08:03:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	226091	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	876447	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	445800	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	876399	20.00	ng		-0.07
75) Chrysene-d12	13.94	240	635986	20.00	ng		-0.08
86) Perylene-d12	15.35	264	603356	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1002787	69.01	ng		-0.05
7) Phenol-d6	6.44	99	1312181	67.93	ng		-0.05
23) Nitrobenzene-d5	7.36	82	1322737	65.67	ng		-0.06
41) 2,4,6-Tribromophenol	10.61	330	305928	59.85	ng		-0.07
44) 2-Fluorobiphenyl	9.15	172	1919139	61.70	ng		-0.07
78) Terphenyl-d14	12.90	244	2152535	80.28	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	184431	29.42	ng		96
3) Pyridine	3.10	79	497666	27.35	ng		94
4) n-Nitrosodimethylamine	3.06	42	259874	28.80	ng	#	73
6) Aniline	6.44	93	410281	15.13	ng	#	39
8) 2-Chlorophenol	6.58	128	515317	31.99	ng		98
9) Benzaldehyde	6.32	77	28686	2.69	ng		92
10) Phenol	6.45	94	768142	35.04	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	539578	32.92	ng		90
12) 1,3-Dichlorobenzene	6.73	146	549250m	30.23	ng		
13) 1,4-Dichlorobenzene	6.80	146	530840	28.08	ng		98
14) 1,2-Dichlorobenzene	6.96	146	538959	31.35	ng		99
15) Benzyl Alcohol	6.93	79	455829	26.87	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	799444	33.25	ng		85
17) 2-Methylphenol	7.06	107	442855	32.46	ng		96
18) Hexachloroethane	7.30	117	208485	30.84	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	409494	28.84	ng		88
20) 3+4-Methylphenols	7.22	107	585588	33.01	ng	#	59
22) Acetophenone	7.20	105	749548	29.85	ng	#	99
24) Nitrobenzene	7.37	77	588453	28.57	ng		91
25) Isophorone	7.62	82	1158791	31.09	ng		95
26) 2-Nitrophenol	7.69	139	271501	31.58	ng	#	74
27) 2,4-Dimethylphenol	7.74	122	530904	34.37	ng		90
28) bis(2-Chloroethoxy)methane	7.82	93	646692	30.76	ng	#	97
29) 2,4-Dichlorophenol	7.94	162	475068	34.03	ng		92
30) 1,2,4-Trichlorobenzene	8.02	180	489117	31.15	ng	#	95
31) Naphthalene	8.10	128	1444065	29.86	ng		98
32) Benzoic acid	7.88	122	320112	30.27	ng	#	85
33) 4-Chloroaniline	8.14	127	234672	11.26	ng	#	88
34) Hexachlorobutadiene	8.21	225	282207	28.72	ng		99
35) Caprolactam	8.52	113	158664m	36.04	ng		
36) 4-Chloro-3-methylphenol	8.65	107	529097	32.22	ng		90
37) 2-Methylnaphthalene	8.78	142	938075	29.99	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	470148	32.09	ng		98
40) Hexachlorocyclopentadiene	8.94	237	515401	65.49	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	330952	30.26	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	323326	29.90	ng		98
45) 1,1'-Biphenyl	9.25	154	1244563	32.54	ng		97
46) 2-Chloronaphthalene	9.28	162	992812	33.27	ng		99
47) 2-Nitroaniline	9.37	65	320960	29.00	ng		88
48) Acenaphthylene	9.69	152	1435174	30.69	ng		99
49) Dimethylphthalate	9.56	163	1253220	34.31	ng		99
50) 2,6-Dinitrotoluene	9.62	165	283836	36.42	ng	#	74
51) Acenaphthene	9.86	154	1032349	34.83	ng		99
52) 3-Nitroaniline	9.78	138	123743	14.44	ng	#	83
53) 2,4-Dinitrophenol	9.89	184	295956	69.17	ng	#	13
54) Dibenzofuran	10.03	168	1242709	31.10	ng		94
55) 4-Nitrophenol	9.97	139	400905	60.97	ng	#	72
56) 2,4-Dinitrotoluene	10.02	165	353019	33.39	ng		96
57) Fluorene	10.37	166	987723	30.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	295889	33.52	ng	#	91
59) Diethylphthalate	10.26	149	1202287	33.71	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	541271	33.43	ng		95
61) 4-Nitroaniline	10.40	138	227064	26.34	ng	#	82
62) Azobenzene	10.52	77	1381595	36.07	ng		89
64) 4,6-Dinitro-2-methylphenol	10.43	198	202253	32.39	ng		88
65) n-Nitrosodiphenylamine	10.49	169	903369	28.53	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	314305	29.78	ng	#	74
67) Hexachlorobenzene	10.92	284	340935	28.93	ng	#	82
68) Atrazine	11.02	200	358101	36.58	ng		95
69) Pentachlorophenol	11.13	266	381761	53.35	ng		99
70) Phenanthrene	11.33	178	1630107	32.03	ng		99
71) Anthracene	11.38	178	1588360	29.63	ng		99
72) Carbazole	11.54	167	1346793	28.70	ng		99
73) Di-n-butylphthalate	11.88	149	1957944	33.49	ng	#	97
74) Fluoranthene	12.51	202	1655734	30.32	ng		97
76) Benzidine	12.64	184	532771	25.00	ng		99
77) Pyrene	12.74	202	1639338	37.53	ng		98
79) Butylbenzylphthalate	13.37	149	755260	39.14	ng		98
80) Benzo(a)anthracene	13.93	228	1424860	35.83	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	304660	21.55	ng		99
82) Chrysene	13.97	228	1414979	38.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	1071531	40.57	ng	#	99
84) Di-n-octyl phthalate	14.55	149	1694920	38.47	ng		100
85) Indeno(1,2,3-cd)pyrene	16.69	276	1109489	35.37	ng		96
87) Benzo(b)fluoranthene	14.95	252	1468259m	37.91	ng		
88) Benzo(k)fluoranthene	14.98	252	924225m	26.90	ng		
89) Benzo(a)pyrene	15.29	252	1104855	32.93	ng	#	97
90) Dibenzo(a,h)anthracene	16.72	278	933806	32.87	ng		99
91) Benzo(g,h,i)perylene	17.11	276	899253	33.04	ng	#	96

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

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