Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082938.D
Acq On : 14 Nov 2015 12:02
Operator : UM/IZ
Sample : PB86619BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 16 01:14:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	187004	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	708075	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	337900	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	584483	20.00	ng		-0.05
75) Chrysene-d12	13.96	240	343759	20.00	ng		-0.06
86) Perylene-d12	15.38	264	380683	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1340406	111.53	ng		-0.01
7) Phenol-d6	6.48	99	1910178	119.55	ng		0.00
23) Nitrobenzene-d5	7.37	82	1263060	77.62	ng		-0.04
41) 2,4,6-Tribromophenol	10.65	330	405065	104.55	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1664350	70.60	ng		-0.05
78) Terphenyl-d14	12.92	244	1562663	107.82	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	182454	35.18	ng		97
3) Pyridine	3.16	79	558318	37.10	ng		95
4) n-Nitrosodimethylamine	3.09	42	264758	35.47	ng	#	75
6) Aniline	6.46	93	408217	18.20	ng	#	81
8) 2-Chlorophenol	6.60	128	522045	39.18	ng		96
9) Benzaldehyde	6.34	77	42371	4.80	ng		94
10) Phenol	6.49	94	685619	37.82	ng	#	73
11) bis(2-Chloroethyl)ether	6.54	93	559488	41.27	ng		88
12) 1,3-Dichlorobenzene	6.74	146	522972	34.80	ng		95
13) 1,4-Dichlorobenzene	6.82	146	530375	33.92	ng		97
14) 1,2-Dichlorobenzene	6.98	146	522594	36.76	ng		98
15) Benzyl Alcohol	6.96	79	443614	31.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	804166	40.44	ng		59
17) 2-Methylphenol	7.08	107	406254	36.00	ng	#	91
18) Hexachloroethane	7.32	117	185797	33.23	ng	#	82
19) n-Nitroso-di-n-propylamine	7.23	70	411188	35.01	ng		88
20) 3+4-Methylphenols	7.24	107	549362	37.44	ng	#	59
22) Acetophenone	7.22	105	752665	37.10	ng	#	95
24) Nitrobenzene	7.39	77	591564	35.55	ng		91
25) Isophorone	7.63	82	1034279	34.35	ng		96
26) 2-Nitrophenol	7.71	139	272066	39.17	ng	#	69
27) 2,4-Dimethylphenol	7.77	122	489659	39.23	ng		90
28) bis(2-Chloroethoxy)methane	7.85	93	662387	39.00	ng		98
29) 2,4-Dichlorophenol	7.96	162	428605	38.00	ng		91
30) 1,2,4-Trichlorobenzene	8.03	180	432619	34.10	ng		98
31) Naphthalene	8.11	128	1278072	32.72	ng		99
32) Benzoic acid	7.90	122	304610	35.65	ng		88
33) 4-Chloroaniline	8.17	127	164387	9.76	ng	#	85
34) Hexachlorobutadiene	8.24	225	265426	33.43	ng		99
35) Caprolactam	8.54	113	129861	36.52	ng		90
36) 4-Chloro-3-methylphenol	8.67	107	416634	31.41	ng		93
37) 2-Methylnaphthalene	8.81	142	883040	34.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	438248	39.47	ng		97
40) Hexachlorocyclopentadiene	8.97	237	129036	21.63	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	281584	33.97	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	278527	33.98	ng		96
45) 1,1'-Biphenyl	9.28	154	1155134	39.84	ng		98
46) 2-Chloronaphthalene	9.30	162	878442	38.84	ng		98
47) 2-Nitroaniline	9.39	65	267592	31.89	ng		89
48) Acenaphthylene	9.71	152	1271838	35.88	ng		99
49) Dimethylphthalate	9.58	163	1039483	37.55	ng		97
50) 2,6-Dinitrotoluene	9.64	165	225628	38.20	ng	#	60
51) Acenaphthene	9.88	154	807628	35.95	ng		99
52) 3-Nitroaniline	9.80	138	131795	20.29	ng	#	88
53) 2,4-Dinitrophenol	9.90	184	97339	30.01	ng	#	31
54) Dibenzofuran	10.05	168	1086410	35.87	ng		94
55) 4-Nitrophenol	10.00	139	318553	63.92	ng		86
56) 2,4-Dinitrotoluene	10.04	165	324788	40.53	ng	#	80
57) Fluorene	10.40	166	865255	35.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	226514	33.86	ng	#	94
59) Diethylphthalate	10.28	149	1074126	39.74	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	406870	33.15	ng	#	80
61) 4-Nitroaniline	10.42	138	179790	27.52	ng	#	78
62) Azobenzene	10.54	77	1062795	36.60	ng		89
64) 4,6-Dinitro-2-methylphenol	10.45	198	89524	21.50	ng		74
65) n-Nitrosodiphenylamine	10.51	169	738668	34.98	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	244629	34.76	ng	#	72
67) Hexachlorobenzene	10.94	284	265255	33.75	ng	#	81
68) Atrazine	11.05	200	292687	44.83	ng		96
69) Pentachlorophenol	11.15	266	281389	58.97	ng		96
70) Phenanthrene	11.36	178	1264123	37.24	ng		99
71) Anthracene	11.40	178	1250689	34.98	ng		98
72) Carbazole	11.56	167	1002385	32.03	ng		98
73) Di-n-butylphthalate	11.91	149	1601906	41.08	ng	#	97
74) Fluoranthene	12.55	202	1179279	32.38	ng		95
76) Benzidine	12.66	184	454776	39.47	ng		99
77) Pyrene	12.76	202	1109692	47.01	ng		98
79) Butylbenzylphthalate	13.39	149	506785	48.59	ng		90
80) Benzo(a)anthracene	13.95	228	839949	39.07	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	281409	36.82	ng	#	95
82) Chrysene	14.00	228	867824	44.08	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	749781	52.52	ng		99
84) Di-n-octyl phthalate	14.57	149	1144880	48.08	ng		98
85) Indeno(1,2,3-cd)pyrene	16.75	276	822172	48.49	ng	#	95
87) Benzo(b)fluoranthene	14.98	252	817736m	33.46	ng		
88) Benzo(k)fluoranthene	15.01	252	850583m	39.24	ng		
89) Benzo(a)pyrene	15.32	252	820662	38.76	ng	#	96
90) Dibenzo(a,h)anthracene	16.77	278	709876	39.60	ng		98
91) Benzo(g,h,i)perylene	17.16	276	640438	37.30	ng	#	94

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

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