Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085990.D
Acq On : 2 Apr 2016 4:59
Operator : UM/SJ
Sample : PB89385BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89385BS

Manual Integrations APPROVED
Sohil
4/4/2016 7:38:13 PM

Quant Time: Apr 02 05:34:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111445	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	441266	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	214653	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	405429	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	341394	20.00	ng		0.00
86) Perylene-d12	15.33	264	243906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	558157	85.61	ng		0.01
7) Phenol-d6	6.42	99	713148	86.11	ng		0.00
23) Nitrobenzene-d5	7.34	82	599609	80.13	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	181030	89.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1133428	87.79	ng		0.00
78) Terphenyl-d14	12.88	244	1080385	74.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	85758	27.74	ng		98
3) Pyridine	3.07	79	295000	42.63	ng		99
4) n-Nitrosodimethylamine	3.02	42	113937	37.44	ng		96
6) Aniline	6.44	93	111634	10.27	ng	#	85
8) 2-Chlorophenol	6.56	128	303318	39.01	ng		96
9) Benzaldehyde	6.33	77	53756	12.06	ng		97
10) Phenol	6.43	94	396539	41.98	ng		92
11) bis(2-Chloroethyl)ether	6.51	93	262921	35.15	ng		97
12) 1,3-Dichlorobenzene	6.72	146	306217	37.16	ng		98
13) 1,4-Dichlorobenzene	6.78	146	310903	36.62	ng		99
14) 1,2-Dichlorobenzene	6.94	146	294431	37.68	ng		99
15) Benzyl Alcohol	6.92	79	197873	36.93	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	328301	35.92	ng		90
17) 2-Methylphenol	7.04	107	237297	38.71	ng		97
18) Hexachloroethane	7.28	117	113299	36.28	ng	#	81
19) n-Nitroso-di-n-propylamine	7.20	70	199623	38.89	ng		98
20) 3+4-Methylphenols	7.20	107	303492	40.70	ng		91
22) Acetophenone	7.18	105	391930	37.78	ng	#	93
24) Nitrobenzene	7.36	77	294565	35.98	ng		97
25) Isophorone	7.60	82	545165	36.91	ng		100
26) 2-Nitrophenol	7.68	139	151735	38.74	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	265908	37.80	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	350240	40.41	ng		99
29) 2,4-Dichlorophenol	7.93	162	239395	40.25	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	252531	37.83	ng		94
31) Naphthalene	8.08	128	810937	36.54	ng		99
32) Benzoic acid	7.87	122	177078	34.31	ng		98
33) 4-Chloroaniline	8.16	127	27088	3.02	ng		99
34) Hexachlorobutadiene	8.20	225	130963	36.49	ng		99
35) Caprolactam	8.51	113	83230m	44.12	ng		
36) 4-Chloro-3-methylphenol	8.64	107	274497	41.06	ng		88
37) 2-Methylnaphthalene	8.77	142	585584	40.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	230772	35.77	ng		99
40) Hexachlorocyclopentadiene	8.92	237	184621	79.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	156805	37.85	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	175741	41.78	ng	#	95
45) 1,1'-Biphenyl	9.23	154	657081	35.50	ng		99
46) 2-Chloronaphthalene	9.26	162	519617	38.73	ng		99
47) 2-Nitroaniline	9.37	65	152430	38.83	ng	#	74
48) Acenaphthylene	9.68	152	844817	39.31	ng		99
49) Dimethylphthalate	9.54	163	593683	37.32	ng		100
50) 2,6-Dinitrotoluene	9.61	165	148099	44.00	ng	#	78
51) Acenaphthene	9.85	154	509475	39.86	ng		99
52) 3-Nitroaniline	9.78	138	28588	7.05	ng		89
53) 2,4-Dinitrophenol	9.89	184	152379	70.09	ng	#	67
54) Dibenzofuran	10.02	168	732584	43.40	ng		99
55) 4-Nitrophenol	9.95	139	182734	76.41	ng		95
56) 2,4-Dinitrotoluene	10.01	165	165918	39.01	ng	#	32
57) Fluorene	10.36	166	586164	40.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	135411	43.24	ng		96
59) Diethylphthalate	10.24	149	603141	37.56	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	260994	38.86	ng		97
61) 4-Nitroaniline	10.38	138	109188	27.33	ng		84
62) Azobenzene	10.51	77	661299	42.99	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	96338	39.21	ng		92
65) n-Nitrosodiphenylamine	10.48	169	401823	31.69	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	167300	40.42	ng	#	92
67) Hexachlorobenzene	10.91	284	177899	41.56	ng		97
68) Atrazine	11.00	200	86790	21.18	ng		97
69) Pentachlorophenol	11.10	266	166666	83.08	ng		99
70) Phenanthrene	11.32	178	906174	40.97	ng		100
71) Anthracene	11.37	178	837930	36.17	ng		100
72) Carbazole	11.53	167	575552	28.90	ng		100
73) Di-n-butylphthalate	11.86	149	1043167	42.27	ng		100
74) Fluoranthene	12.50	202	867588	37.71	ng		99
76) Benzidine	12.64	184	55433	4.60	ng		99
77) Pyrene	12.73	202	856735	35.61	ng		99
79) Butylbenzylphthalate	13.35	149	414269	38.24	ng	#	74
80) Benzo(a)anthracene	13.92	228	750748	37.31	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	36539	2.49	ng		99
82) Chrysene	13.95	228	698104	36.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	550810	38.31	ng		100
84) Di-n-octyl phthalate	14.52	149	979928	42.68	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	583951	37.13	ng		99
87) Benzo(b)fluoranthene	14.93	252	874271m	56.98	ng		
88) Benzo(k)fluoranthene	14.97	252	498913m	36.72	ng		
89) Benzo(a)pyrene	15.28	252	618926	45.53	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	501918	45.89	ng		98
91) Benzo(g,h,i)perylene	17.09	276	457298	43.20	ng		98

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

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