Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091369.D
Acq On : 30 Nov 2016 22:06
Operator : UM/SJ
Sample : PB94960BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94960BSD

Manual Integrations APPROVED
sohil
12/1/2016 3:28:20 PM

Quant Time: Dec 01 01:02:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191858	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	760012	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	413527	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	612584	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	368923	20.00	ng		-0.03
86) Perylene-d12	15.44	264	389754	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	810146	68.98	ng		0.00
7) Phenol-d6	6.49	99	957901	66.26	ng		0.00
23) Nitrobenzene-d5	7.43	82	1098774	81.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	221854	56.67	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1921870	84.15	ng		-0.02
78) Terphenyl-d14	12.97	244	1462218	86.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	182176	34.29	ng		87
3) Pyridine	3.30	79	544899	36.24	ng		90
4) n-Nitrosodimethylamine	3.26	42	321835	40.80	ng		96
6) Aniline	6.53	93	524492	27.31	ng	#	67
8) 2-Chlorophenol	6.65	128	522993	40.62	ng		98
9) Benzaldehyde	6.40	77	148843	16.01	ng		94
10) Phenol	6.50	94	612730	36.02	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	477782	39.31	ng		94
12) 1,3-Dichlorobenzene	6.80	146	513316m	35.84	ng		
13) 1,4-Dichlorobenzene	6.88	146	554901	38.95	ng		97
14) 1,2-Dichlorobenzene	7.04	146	497284m	37.47	ng		
15) Benzyl Alcohol	7.01	79	446777	38.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	981281	37.55	ng		71
17) 2-Methylphenol	7.12	107	409522	40.23	ng	#	76
18) Hexachloroethane	7.38	117	203035	40.13	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	348528	38.27	ng	#	95
20) 3+4-Methylphenols	7.27	107	482032	38.79	ng	#	66
22) Acetophenone	7.27	105	703227	39.04	ng	#	75
24) Nitrobenzene	7.44	77	536928	38.67	ng		94
25) Isophorone	7.69	82	997235	41.51	ng		97
26) 2-Nitrophenol	7.76	139	242051	38.25	ng		100
27) 2,4-Dimethylphenol	7.81	122	504072	42.58	ng		93
28) bis(2-Chloroethoxy)methane	7.90	93	578497	40.00	ng		100
29) 2,4-Dichlorophenol	8.00	162	409502	39.33	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	475524	40.73	ng		97
31) Naphthalene	8.17	128	1437911	39.81	ng		100
32) Benzoic acid	7.92	122	287978	33.00	ng		92
33) 4-Chloroaniline	8.22	127	237613	15.39	ng		99
34) Hexachlorobutadiene	8.30	225	283808	39.54	ng		99
35) Caprolactam	8.60	113	131853	44.06	ng	#	68
36) 4-Chloro-3-methylphenol	8.70	107	418513	37.23	ng		99
37) 2-Methylnaphthalene	8.86	142	934154	38.07	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	433577	37.19	ng		99
40) Hexachlorocyclopentadiene	9.02	237	300841	55.67	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	310902	41.04	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	283131m	37.29	ng		
45) 1,1'-Biphenyl	9.33	154	1067471	35.90	ng		98
46) 2-Chloronaphthalene	9.35	162	810251	36.59	ng		98
47) 2-Nitroaniline	9.44	65	273481	34.38	ng	#	76
48) Acenaphthylene	9.77	152	1286970	36.92	ng		99
49) Dimethylphthalate	9.64	163	1060147	42.34	ng		98
50) 2,6-Dinitrotoluene	9.69	165	237101	42.37	ng	#	61
51) Acenaphthene	9.94	154	897870	38.19	ng		95
52) 3-Nitroaniline	9.85	138	152707	23.57	ng		97
53) 2,4-Dinitrophenol	9.96	184	115419	47.16	ng	#	81
54) Dibenzofuran	10.12	168	1217574	38.68	ng	#	89
55) 4-Nitrophenol	10.01	139	291830	62.37	ng		99
56) 2,4-Dinitrotoluene	10.09	165	326745	45.01	ng		98
57) Fluorene	10.45	166	857733	35.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	251585	38.80	ng		94
59) Diethylphthalate	10.33	149	1017271	41.16	ng	#	94
60) 4-Chlorophenyl-phenylether	10.45	204	452923	37.36	ng		93
61) 4-Nitroaniline	10.47	138	201627	33.15	ng		92
62) Azobenzene	10.61	77	1077331	42.72	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	94387	27.97	ng	#	69
65) n-Nitrosodiphenylamine	10.56	169	758843	40.86	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	292290	44.39	ng	#	77
67) Hexachlorobenzene	11.00	284	268752	37.77	ng	#	78
68) Atrazine	11.09	200	240119	39.92	ng		99
69) Pentachlorophenol	11.19	266	290087	69.26	ng		97
70) Phenanthrene	11.41	178	1156217	36.32	ng		100
71) Anthracene	11.47	178	1303607	41.27	ng		100
72) Carbazole	11.61	167	1042225	36.36	ng		99
73) Di-n-butylphthalate	11.96	149	1455588	44.80	ng		99
74) Fluoranthene	12.60	202	1158293	38.42	ng		98
76) Benzidine	12.71	184	434805	40.15	ng		98
77) Pyrene	12.83	202	1115215	39.83	ng		99
79) Butylbenzylphthalate	13.44	149	448437	42.77	ng		88
80) Benzo(a)anthracene	14.00	228	882767	40.92	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	286593	37.71	ng	#	98
82) Chrysene	14.05	228	869372	40.72	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	604780	45.51	ng	#	91
84) Di-n-octyl phthalate	14.62	149	1056232	52.53	ng		96
85) Indeno(1,2,3-cd)pyrene	16.85	276	802377	41.04	ng		96
87) Benzo(b)fluoranthene	15.04	252	1035115	42.73	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	738005m	36.23	ng		
89) Benzo(a)pyrene	15.39	252	839576	38.59	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	675005	33.55	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	629644	30.35	ng		99

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

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