Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091238.D
Acq On : 18 Nov 2016 17:39
Operator : UM/SJ
Sample : PB94806BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 18 22:34:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB94806BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	171796	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	734899	20.00	ng		-0.01
38) Acenaphthene-d10	9.65	164	350677	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	593953	20.00	ng		0.00
75) Chrysene-d12	13.76	240	518874	20.00	ng		-0.01
86) Perylene-d12	15.13	264	481639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1143719	109.95	ng		0.02
7) Phenol-d6	6.27	99	1374415	97.35	ng		0.00
23) Nitrobenzene-d5	7.18	82	935597	69.45	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	389132	122.74	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1423522	69.89	ng		0.00
78) Terphenyl-d14	12.72	244	1645884	79.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	149091	25.06	ng		97
3) Pyridine	2.78	79	439832	31.60	ng		99
4) n-Nitrosodimethylamine	2.75	42	177883	32.31	ng		87
6) Aniline	6.28	93	247788	14.88	ng	#	1
8) 2-Chlorophenol	6.40	128	437681	35.27	ng		90
9) Benzaldehyde	6.22	77	31074	3.97	ng		96
10) Phenol	6.28	94	535418	34.27	ng	#	67
11) bis(2-Chloroethyl)ether	6.35	93	428671	32.56	ng		96
12) 1,3-Dichlorobenzene	6.54	146	452391	36.05	ng		95
13) 1,4-Dichlorobenzene	6.62	146	453770	33.70	ng		96
14) 1,2-Dichlorobenzene	6.77	146	413347	33.45	ng		97
15) Benzyl Alcohol	6.77	79	334252	33.56	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	518000	27.47	ng	#	44
17) 2-Methylphenol	6.90	107	334110	34.01	ng	#	91
18) Hexachloroethane	7.12	117	176890	33.95	ng		94
19) n-Nitroso-di-n-propylamine	7.04	70	316099	32.31	ng		98
20) 3+4-Methylphenols	7.05	107	459061	38.92	ng		86
22) Acetophenone	7.04	105	589151	34.82	ng	#	93
24) Nitrobenzene	7.21	77	471093	31.66	ng		94
25) Isophorone	7.45	82	858531	33.07	ng		98
26) 2-Nitrophenol	7.53	139	216636	34.41	ng	#	71
27) 2,4-Dimethylphenol	7.57	122	363316	34.89	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	543403	38.32	ng		100
29) 2,4-Dichlorophenol	7.78	162	326415	35.92	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	354948	34.74	ng		98
31) Naphthalene	7.92	128	1192057	33.92	ng		99
32) Benzoic acid	7.73	122	170233	23.81	ng		99
33) 4-Chloroaniline	8.00	127	152011	10.40	ng		97
34) Hexachlorobutadiene	8.04	225	207205	37.57	ng		98
35) Caprolactam	8.36	113	104980m	36.77	ng		
36) 4-Chloro-3-methylphenol	8.49	107	379154	34.46	ng		96
37) 2-Methylnaphthalene	8.61	142	695058	30.76	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	323176	36.15	ng		97
40) Hexachlorocyclopentadiene	8.76	237	239996	70.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	199098	34.50	ng		100
43) 2,4,5-Trichlorophenol	8.96	196	202589	33.43	ng	#	92
45) 1,1'-Biphenyl	9.08	154	854507	33.37	ng		94
46) 2-Chloronaphthalene	9.10	162	656759	33.78	ng		93
47) 2-Nitroaniline	9.21	65	193745	26.85	ng		92
48) Acenaphthylene	9.50	152	980005	32.35	ng		100
49) Dimethylphthalate	9.39	163	786482	34.20	ng		99
50) 2,6-Dinitrotoluene	9.45	165	163490	33.18	ng	#	80
51) Acenaphthene	9.68	154	593638	31.21	ng		99
52) 3-Nitroaniline	9.62	138	79383	13.58	ng		99
53) 2,4-Dinitrophenol	9.73	184	153217	58.87	ng	#	89
54) Dibenzofuran	9.86	168	907198	35.43	ng		90
55) 4-Nitrophenol	9.81	139	175378	47.57	ng	#	69
56) 2,4-Dinitrotoluene	9.86	165	234023	37.32	ng		94
57) Fluorene	10.19	166	695705	33.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	194686	41.01	ng	#	86
59) Diethylphthalate	10.09	149	810336	34.37	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	356923	37.47	ng	#	90
61) 4-Nitroaniline	10.24	138	160041	27.07	ng		95
62) Azobenzene	10.35	77	789849	28.46	ng		94
64) 4,6-Dinitro-2-methylphenol	10.27	198	123111	33.85	ng		97
65) n-Nitrosodiphenylamine	10.32	169	666545	35.31	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	226668	36.69	ng	#	66
67) Hexachlorobenzene	10.74	284	248737	36.50	ng		99
68) Atrazine	10.85	200	222203	40.80	ng		95
69) Pentachlorophenol	10.94	266	209308	69.36	ng		98
70) Phenanthrene	11.15	178	1053674	33.37	ng		99
71) Anthracene	11.21	178	1126268	33.55	ng		98
72) Carbazole	11.37	167	1022153	33.79	ng		97
73) Di-n-butylphthalate	11.70	149	1115162	29.31	ng		99
74) Fluoranthene	12.34	202	1162586	35.50	ng		88
76) Benzidine	12.47	184	221122	19.08	ng		98
77) Pyrene	12.56	202	1077186	31.70	ng		99
79) Butylbenzylphthalate	13.20	149	524726	32.28	ng	#	68
80) Benzo(a)anthracene	13.75	228	1031202	35.00	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	201668	19.48	ng	#	98
82) Chrysene	13.79	228	1058617	36.44	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	665290	30.25	ng	#	95
84) Di-n-octyl phthalate	14.36	149	1171296	32.39	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.39	276	895488	37.15	ng		94
87) Benzo(b)fluoranthene	14.75	252	939040m	28.75	ng		
88) Benzo(k)fluoranthene	14.79	252	1046246m	36.51	ng		
89) Benzo(a)pyrene	15.07	252	912372	32.08	ng		97
90) Dibenzo(a,h)anthracene	16.40	278	756319	30.76	ng	#	96
91) Benzo(g,h,i)perylene	16.76	276	698515	31.42	ng	#	93

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

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