Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090545.D
Acq On : 12 Oct 2016 19:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/13/2016 2:04:14 PM

Quant Time: Oct 13 01:17:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	193588	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	819736	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	438502	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	714578	20.00	ng		0.00
75) Chrysene-d12	14.13	240	533160	20.00	ng		0.00
86) Perylene-d12	15.60	264	381735	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	918406	73.81	ng		0.00
7) Phenol-d6	6.59	99	1165475	74.22	ng		0.00
23) Nitrobenzene-d5	7.51	82	972879	64.37	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	324844	74.73	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2113797	81.01	ng		0.00
78) Terphenyl-d14	13.07	244	1925288	88.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	217992	35.71	ng	#	78
3) Pyridine	3.37	79	583410m	34.58	ng		
4) n-Nitrosodimethylamine	3.32	42	141260	25.55	ng	#	25
6) Aniline	6.61	93	716020	35.94	ng	#	76
8) 2-Chlorophenol	6.74	128	537024	40.57	ng		88
9) Benzaldehyde	6.50	77	335761	33.94	ng		95
10) Phenol	6.60	94	666305	37.62	ng		95
11) bis(2-Chloroethyl)ether	6.68	93	503500	37.98	ng		94
12) 1,3-Dichlorobenzene	6.89	146	547538	38.34	ng	#	94
13) 1,4-Dichlorobenzene	6.97	146	604683	41.50	ng		98
14) 1,2-Dichlorobenzene	7.13	146	529375	39.98	ng		95
15) Benzyl Alcohol	7.09	79	401667	33.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	510811	26.88	ng		56
17) 2-Methylphenol	7.21	107	403989	37.52	ng		99
18) Hexachloroethane	7.46	117	200391	37.27	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	351457	35.09	ng	#	74
20) 3+4-Methylphenols	7.37	107	501906	36.82	ng	#	81
22) Acetophenone	7.37	105	687885	38.12	ng	#	90
24) Nitrobenzene	7.54	77	549616	33.91	ng	#	86
25) Isophorone	7.78	82	903146	32.83	ng	#	93
26) 2-Nitrophenol	7.86	139	279641	37.81	ng		92
27) 2,4-Dimethylphenol	7.89	122	473181	37.64	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	566118	33.33	ng	#	96
29) 2,4-Dichlorophenol	8.10	162	439999	41.85	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	492987	40.82	ng		98
31) Naphthalene	8.26	128	1598865	39.15	ng		98
32) Benzoic acid	8.02	122	281765	28.40	ng		95
33) 4-Chloroaniline	8.31	127	675105	39.05	ng	#	88
34) Hexachlorobutadiene	8.38	225	268556	39.77	ng		98
35) Caprolactam	8.68	113	120108	35.23	ng	#	66
36) 4-Chloro-3-methylphenol	8.79	107	477701	38.90	ng		97
37) 2-Methylnaphthalene	8.95	142	1032776	37.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	460233	37.49	ng		99
40) Hexachlorocyclopentadiene	9.10	237	207118	33.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	296047	35.77	ng		98
43) 2,4,5-Trichlorophenol	9.27	196	341307	41.67	ng	#	92
45) 1,1'-Biphenyl	9.41	154	1244841	37.17	ng		96
46) 2-Chloronaphthalene	9.45	162	988424	39.67	ng		92
47) 2-Nitroaniline	9.54	65	308086	34.66	ng		96
48) Acenaphthylene	9.86	152	1520575	37.82	ng		98
49) Dimethylphthalate	9.72	163	1146904	38.89	ng		98
50) 2,6-Dinitrotoluene	9.78	165	253314	38.90	ng	#	84
51) Acenaphthene	10.03	154	996767	36.99	ng		99
52) 3-Nitroaniline	9.95	138	287949	35.64	ng		96
53) 2,4-Dinitrophenol	10.05	184	91561	25.34	ng	#	59
54) Dibenzofuran	10.20	168	1323735	36.92	ng		96
55) 4-Nitrophenol	10.12	139	196663	31.32	ng	#	84
56) 2,4-Dinitrotoluene	10.18	165	320400	37.20	ng	#	42
57) Fluorene	10.54	166	1078440	36.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	256423	37.53	ng		95
59) Diethylphthalate	10.42	149	1132357	37.75	ng		95
60) 4-Chlorophenyl-phenylether	10.53	204	503734	37.30	ng		93
61) 4-Nitroaniline	10.57	138	296186	35.93	ng		94
62) Azobenzene	10.69	77	1120438	34.21	ng		89
64) 4,6-Dinitro-2-methylphenol	10.59	198	157466	32.99	ng	#	70
65) n-Nitrosodiphenylamine	10.66	169	943033	40.58	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	302394	38.19	ng	#	91
67) Hexachlorobenzene	11.09	284	353222	40.38	ng		95
68) Atrazine	11.18	200	284153	39.51	ng		98
69) Pentachlorophenol	11.29	266	169391	32.55	ng		99
70) Phenanthrene	11.50	178	1476395	37.49	ng		97
71) Anthracene	11.56	178	1570925	39.37	ng		98
72) Carbazole	11.72	167	1442748	38.29	ng		96
73) Di-n-butylphthalate	12.04	149	1634964	36.03	ng		98
74) Fluoranthene	12.69	202	1494936	37.19	ng		99
76) Benzidine	12.82	184	535815	31.98	ng		98
77) Pyrene	12.93	202	1559746	46.74	ng		97
79) Butylbenzylphthalate	13.55	149	701642	44.91	ng		88
80) Benzo(a)anthracene	14.12	228	1318977	41.51	ng		98
81) 3,3'-Dichlorobenzidine	14.08	252	440747	38.54	ng	#	95
82) Chrysene	14.16	228	1277017	43.18	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	964335	42.30	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1432685	40.58	ng	#	86
85) Indeno(1,2,3-cd)pyrene	17.07	276	936201	38.02	ng		98
87) Benzo(b)fluoranthene	15.17	252	1030360	40.91	ng		99
88) Benzo(k)fluoranthene	15.20	252	934674m	41.66	ng		
89) Benzo(a)pyrene	15.54	252	895424	40.48	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	811845	43.21	ng	#	96
91) Benzo(g,h,i)perylene	17.53	276	805426	46.35	ng		97

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

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