Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091303.D
Acq On : 24 Nov 2016 8:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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11/28/2016 5:18:50 PM

Quant Time: Nov 25 04:48:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184309	20.00	ng		0.01
21) Naphthalene-d8	8.17	136	686104	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	358134	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	481769	20.00	ng		0.00
75) Chrysene-d12	14.04	240	415794	20.00	ng		0.00
86) Perylene-d12	15.48	264	326362	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	981053	85.52	ng		0.01
7) Phenol-d6	6.51	99	1124827	76.32	ng		0.00
23) Nitrobenzene-d5	7.45	82	967718	81.20	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	224708	62.22	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1740125	79.56	ng		0.00
78) Terphenyl-d14	12.99	244	1245452	68.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	214068	39.56	ng		90
3) Pyridine	3.23	79	570438	39.22	ng		89
4) n-Nitrosodimethylamine	3.17	42	313047	39.31	ng		97
6) Aniline	6.54	93	739694	39.26	ng	#	70
8) 2-Chlorophenol	6.67	128	487124	38.98	ng		99
9) Benzaldehyde	6.43	77	308603m	43.18	ng		
10) Phenol	6.52	94	580622	35.31	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	478693	39.60	ng		88
12) 1,3-Dichlorobenzene	6.82	146	519374m	38.12	ng		
13) 1,4-Dichlorobenzene	6.90	146	533803	38.28	ng		98
14) 1,2-Dichlorobenzene	7.06	146	516733	39.06	ng		94
15) Benzyl Alcohol	7.02	79	458269	40.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	988840	37.31	ng		72
17) 2-Methylphenol	7.14	107	403698	40.83	ng	#	75
18) Hexachloroethane	7.40	117	165330	33.30	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	319366	34.54	ng	#	96
20) 3+4-Methylphenols	7.29	107	446465	36.79	ng	#	77
22) Acetophenone	7.30	105	653344	42.20	ng		98
24) Nitrobenzene	7.47	77	569084	45.13	ng	#	80
25) Isophorone	7.71	82	917748	41.22	ng		98
26) 2-Nitrophenol	7.78	139	209280	41.38	ng		99
27) 2,4-Dimethylphenol	7.82	122	458889	43.23	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	495575	37.39	ng		100
29) 2,4-Dichlorophenol	8.02	162	352711	37.61	ng		95
30) 1,2,4-Trichlorobenzene	8.11	180	430858	39.88	ng		99
31) Naphthalene	8.19	128	1307403	39.61	ng		100
32) Benzoic acid	7.93	122	268812	32.16	ng		98
33) 4-Chloroaniline	8.24	127	536400	37.36	ng		95
34) Hexachlorobutadiene	8.32	225	271345	42.48	ng		99
35) Caprolactam	8.61	113	111107	38.42	ng	#	79
36) 4-Chloro-3-methylphenol	8.72	107	394956	39.18	ng		97
37) 2-Methylnaphthalene	8.89	142	879238	38.81	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	407266	41.96	ng		98
40) Hexachlorocyclopentadiene	9.04	237	41754	9.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260784	38.96	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	252926	39.33	ng		94
45) 1,1'-Biphenyl	9.34	154	960206	37.19	ng		98
46) 2-Chloronaphthalene	9.37	162	700965	37.06	ng		98
47) 2-Nitroaniline	9.46	65	248216	38.67	ng	#	76
48) Acenaphthylene	9.79	152	1147517	37.86	ng		99
49) Dimethylphthalate	9.65	163	918675	41.08	ng		98
50) 2,6-Dinitrotoluene	9.71	165	193019	39.52	ng	#	56
51) Acenaphthene	9.96	154	760828	36.88	ng		96
52) 3-Nitroaniline	9.87	138	197838	37.67	ng		91
53) 2,4-Dinitrophenol	9.97	184	16908	12.28	ng	#	82
54) Dibenzofuran	10.13	168	1010770	34.83	ng	#	88
55) 4-Nitrophenol	10.02	139	117948	31.14	ng		96
56) 2,4-Dinitrotoluene	10.10	165	220487	35.67	ng	#	51
57) Fluorene	10.46	166	737449	33.21	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	191369	33.84	ng		93
59) Diethylphthalate	10.35	149	877461	39.00	ng	#	94
60) 4-Chlorophenyl-phenylether	10.46	204	374498	36.61	ng		91
61) 4-Nitroaniline	10.48	138	177061	36.14	ng		91
62) Azobenzene	10.62	77	880280	38.57	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	36872	16.88	ng	#	60
65) n-Nitrosodiphenylamine	10.58	169	626133	42.81	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	243442	46.23	ng	#	81
67) Hexachlorobenzene	11.01	284	218930	37.93	ng	#	72
68) Atrazine	11.10	200	139663	35.66	ng		98
69) Pentachlorophenol	11.21	266	128146	37.52	ng		95
70) Phenanthrene	11.42	178	962429	38.51	ng		99
71) Anthracene	11.48	178	1044574	40.88	ng		99
72) Carbazole	11.63	167	857900	37.72	ng		98
73) Di-n-butylphthalate	11.97	149	1189600	45.17	ng		100
74) Fluoranthene	12.61	202	999112	39.30	ng		99
76) Benzidine	12.74	184	434569	53.93	ng		97
77) Pyrene	12.84	202	1029771	33.52	ng		99
79) Butylbenzylphthalate	13.47	149	458008	37.25	ng		87
80) Benzo(a)anthracene	14.03	228	879525	37.27	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	388092	49.87	ng	#	99
82) Chrysene	14.07	228	895928	40.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	581292	37.98	ng	#	95
84) Di-n-octyl phthalate	14.64	149	1045657	43.40	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	684536	35.64	ng		97
87) Benzo(b)fluoranthene	15.06	252	963180m	46.78	ng		
88) Benzo(k)fluoranthene	15.09	252	624919m	37.16	ng		
89) Benzo(a)pyrene	15.43	252	732971	41.85	ng	#	93
90) Dibenzo(a,h)anthracene	16.92	278	594135	36.74	ng	#	94
91) Benzo(g,h,i)perylene	17.32	276	566509	35.32	ng		99

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

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