Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080253.D
Acq On : 1 Jul 2015 1:17
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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7/1/2015 4:17:25 PM

Quant Time: Jul 01 12:06:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	36296	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	146238	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	76060	20.00	ng		-0.05
63) Phenanthrene-d10	11.85	188	150467	20.00	ng		-0.06
75) Chrysene-d12	14.76	240	158833	20.00	ng		-0.24
86) Perylene-d12	16.60	264	153409	20.00	ng		-0.33
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	147936	72.15	ng		-0.05
7) Phenol-d6	6.89	99	194189	71.17	ng		-0.03
23) Nitrobenzene-d5	7.84	82	198118	78.87	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	54027	72.64	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	366401	68.70	ng		-0.05
78) Terphenyl-d14	13.51	244	486123	71.48	ng		-0.16
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	32976m	33.84	ng		
3) Pyridine	3.94	79	101440	39.14	ng	#	81
4) n-Nitrosodimethylamine	3.85	42	44373	36.02	ng		99
6) Aniline	6.94	93	144550	38.51	ng		94
8) 2-Chlorophenol	7.06	128	85935	36.26	ng		88
9) Benzaldehyde	6.82	77	45583	28.94	ng	#	69
10) Phenol	6.90	94	108653	36.49	ng		84
11) bis(2-Chloroethyl)ether	7.01	93	80466	34.06	ng	#	84
12) 1,3-Dichlorobenzene	7.22	146	103161	36.24	ng	#	93
13) 1,4-Dichlorobenzene	7.30	146	106975	39.51	ng		97
14) 1,2-Dichlorobenzene	7.45	146	94837m	36.00	ng		
15) Benzyl Alcohol	7.41	79	75997m	34.07	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	141684	40.41	ng		85
17) 2-Methylphenol	7.52	107	72803	35.97	ng	#	90
18) Hexachloroethane	7.81	117	35638	39.53	ng	#	80
19) n-Nitroso-di-n-propylamine	7.68	70	66571	35.14	ng	#	77
20) 3+4-Methylphenols	7.67	107	98572	37.73	ng		91
22) Acetophenone	7.68	105	121915	35.77	ng	#	81
24) Nitrobenzene	7.86	77	94293	36.37	ng	#	78
25) Isophorone	8.09	82	173273	34.27	ng	#	83
26) 2-Nitrophenol	8.18	139	46484	42.83	ng	#	80
27) 2,4-Dimethylphenol	8.21	122	85327	37.71	ng	#	83
28) bis(2-Chloroethoxy)methane	8.30	93	105938	35.67	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	78196	40.35	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	91136	41.41	ng		98
31) Naphthalene	8.60	128	276550m	36.17	ng		
32) Benzoic acid	8.28	122	26194	19.14	ng	#	66
33) 4-Chloroaniline	8.63	127	102551	31.34	ng	#	84
34) Hexachlorobutadiene	8.72	225	48653	35.90	ng		98
35) Caprolactam	8.97	113	21510	34.20	ng	#	83
36) 4-Chloro-3-methylphenol	9.11	107	72352	33.10	ng		94
37) 2-Methylnaphthalene	9.29	142	197726	39.98	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	87193	39.39	ng		97
40) Hexachlorocyclopentadiene	9.45	237	32776	32.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	59892	39.77	ng		96
43) 2,4,5-Trichlorophenol	9.60	196	59600	34.35	ng	#	90
45) 1,1'-Biphenyl	9.75	154	208271	33.66	ng		93
46) 2-Chloronaphthalene	9.78	162	184409	36.73	ng		95
47) 2-Nitroaniline	9.86	65	46054	33.41	ng	#	57
48) Acenaphthylene	10.21	152	320116	38.20	ng		98
49) Dimethylphthalate	10.05	163	204758	35.81	ng	#	97
50) 2,6-Dinitrotoluene	10.10	165	40794	35.59	ng	#	41
51) Acenaphthene	10.38	154	188972	36.86	ng		88
52) 3-Nitroaniline	10.28	138	46640	35.26	ng	#	44
53) 2,4-Dinitrophenol	10.39	184	15431	36.49	ng	#	1
54) Dibenzofuran	10.55	168	264634	36.38	ng	#	90
55) 4-Nitrophenol	10.42	139	35671	33.74	ng	#	42
56) 2,4-Dinitrotoluene	10.52	165	60185	41.37	ng	#	85
57) Fluorene	10.90	166	208719	36.16	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.66	232	48537	33.14	ng		97
59) Diethylphthalate	10.74	149	189351	32.89	ng		96
60) 4-Chlorophenyl-phenylether	10.88	204	99263	35.78	ng	#	89
61) 4-Nitroaniline	10.89	138	48146	35.25	ng	#	48
62) Azobenzene	11.04	77	210831	35.97	ng		87
64) 4,6-Dinitro-2-methylphenol	10.93	198	24971	36.44	ng		83
65) n-Nitrosodiphenylamine	11.00	169	180909	36.92	ng		93
66) 4-Bromophenyl-phenylether	11.38	248	59787	37.37	ng	#	83
67) Hexachlorobenzene	11.46	284	62569	35.19	ng	#	77
68) Atrazine	11.52	200	55403	35.79	ng		84
69) Pentachlorophenol	11.65	266	29923	29.70	ng		99
70) Phenanthrene	11.88	178	331483	36.39	ng		97
71) Anthracene	11.92	178	313119	35.70	ng		98
72) Carbazole	12.08	167	296322	35.38	ng		97
73) Di-n-butylphthalate	12.40	149	344311	35.59	ng	#	99
74) Fluoranthene	13.12	202	339690	35.01	ng		87
76) Benzidine	13.24	184	164691	37.09	ng		98
77) Pyrene	13.37	202	366131	37.44	ng		97
79) Butylbenzylphthalate	14.05	149	136054	34.64	ng		89
80) Benzo(a)anthracene	14.75	228	342581	35.40	ng		96
81) 3,3'-Dichlorobenzidine	14.70	252	111008	33.26	ng	#	93
82) Chrysene	14.79	228	320119	35.88	ng		95
83) Bis(2-ethylhexyl)phthalate	14.72	149	206408	33.26	ng	#	93
84) Di-n-octyl phthalate	15.51	149	331685	31.19	ng		95
85) Indeno(1,2,3-cd)pyrene	18.41	276	397155	35.30	ng	#	89
87) Benzo(b)fluoranthene	16.07	252	327175	35.22	ng	#	86
88) Benzo(k)fluoranthene	16.11	252	343737	36.34	ng	#	87
89) Benzo(a)pyrene	16.52	252	317507	35.99	ng	#	88
90) Dibenzo(a,h)anthracene	18.44	278	325869	36.09	ng	#	83
91) Benzo(g,h,i)perylene	18.96	276	327668	35.94	ng	#	77

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

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