Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085444.D
Acq On : 14 Mar 2016 22:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/15/2016 2:09:52 PM

Quant Time: Mar 15 04:00:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	246420	20.00	ng		-0.06
21) Naphthalene-d8	8.22	136	972450	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	407300	20.00	ng		-0.06
63) Phenanthrene-d10	11.45	188	700636	20.00	ng		-0.06
75) Chrysene-d12	14.09	240	403660	20.00	ng		-0.06
86) Perylene-d12	15.55	264	416368	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1191754	81.12	ng		-0.06
7) Phenol-d6	6.56	99	1479643	76.88	ng		-0.05
23) Nitrobenzene-d5	7.50	82	1259163	69.29	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	312172	89.57	ng		-0.05
44) 2-Fluorobiphenyl	9.29	172	1822987	68.07	ng		-0.06
78) Terphenyl-d14	13.04	244	1534987	88.28	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	278839	37.12	ng		97
3) Pyridine	3.33	79	671173	35.70	ng		96
4) n-Nitrosodimethylamine	3.28	42	315574	39.21	ng		100
6) Aniline	6.60	93	988910	36.66	ng		95
8) 2-Chlorophenol	6.71	128	620133	35.06	ng		96
9) Benzaldehyde	6.47	77	367382	40.78	ng		100
10) Phenol	6.58	94	815001	39.54	ng	#	74
11) bis(2-Chloroethyl)ether	6.66	93	610117	35.63	ng		96
12) 1,3-Dichlorobenzene	6.87	146	743531	39.16	ng		97
13) 1,4-Dichlorobenzene	6.95	146	717344m	37.70	ng		
14) 1,2-Dichlorobenzene	7.10	146	609591	35.30	ng		98
15) Benzyl Alcohol	7.08	79	543097	38.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	852597	34.55	ng		96
17) 2-Methylphenol	7.19	107	586372	40.63	ng		97
18) Hexachloroethane	7.44	117	266263	37.93	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	398071	31.73	ng	#	92
20) 3+4-Methylphenols	7.34	107	556842	32.58	ng	#	78
22) Acetophenone	7.34	105	855197	36.03	ng	#	93
24) Nitrobenzene	7.52	77	773204	41.88	ng	#	83
25) Isophorone	7.76	82	1329729	39.48	ng		95
26) 2-Nitrophenol	7.83	139	384631	42.81	ng	#	79
27) 2,4-Dimethylphenol	7.88	122	629576	38.35	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	808042	43.08	ng		98
29) 2,4-Dichlorophenol	8.07	162	485317	36.65	ng		88
30) 1,2,4-Trichlorobenzene	8.16	180	580285	40.54	ng		93
31) Naphthalene	8.24	128	1895817	39.65	ng		99
32) Benzoic acid	8.01	122	503169	46.14	ng		99
33) 4-Chloroaniline	8.29	127	749066	38.73	ng		96
34) Hexachlorobutadiene	8.36	225	314168	42.18	ng		99
35) Caprolactam	8.68	113	172567	39.91	ng		93
36) 4-Chloro-3-methylphenol	8.77	107	521973	34.75	ng		100
37) 2-Methylnaphthalene	8.93	142	1047043	34.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	554006	47.56	ng	#	97
40) Hexachlorocyclopentadiene	9.08	237	144089	22.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	348579	40.20	ng		97
43) 2,4,5-Trichlorophenol	9.25	196	359880	43.77	ng		99
45) 1,1'-Biphenyl	9.40	154	1404747	40.37	ng		96
46) 2-Chloronaphthalene	9.42	162	998180	37.63	ng		94
47) 2-Nitroaniline	9.51	65	301823	36.72	ng		92
48) Acenaphthylene	9.83	152	1533523	37.15	ng		99
49) Dimethylphthalate	9.69	163	1238554	39.62	ng		99
50) 2,6-Dinitrotoluene	9.76	165	317223	47.43	ng	#	79
51) Acenaphthene	10.00	154	1014150	40.46	ng		99
52) 3-Nitroaniline	9.92	138	334011	41.74	ng	#	81
53) 2,4-Dinitrophenol	10.02	184	99731	34.46	ng	#	69
54) Dibenzofuran	10.17	168	1209437	36.83	ng		98
55) 4-Nitrophenol	10.08	139	210293	33.44	ng	#	73
56) 2,4-Dinitrotoluene	10.16	165	377741	44.13	ng		95
57) Fluorene	10.52	166	958825	37.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	245025	42.42	ng		94
59) Diethylphthalate	10.39	149	1131157	37.29	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	509244	40.57	ng		88
61) 4-Nitroaniline	10.54	138	281660	37.64	ng		98
62) Azobenzene	10.66	77	1131981	37.87	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	174699	41.64	ng		95
65) n-Nitrosodiphenylamine	10.63	169	895155	41.08	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	290511	42.70	ng	#	86
67) Hexachlorobenzene	11.06	284	299121	41.21	ng	#	80
68) Atrazine	11.16	200	256909	42.39	ng		99
69) Pentachlorophenol	11.26	266	180255	44.74	ng		98
70) Phenanthrene	11.48	178	1369731	37.30	ng		99
71) Anthracene	11.53	178	1482803	38.04	ng		99
72) Carbazole	11.68	167	1138691	33.31	ng		99
73) Di-n-butylphthalate	12.01	149	1661440	38.45	ng		99
74) Fluoranthene	12.67	202	1156188	31.38	ng		98
76) Benzidine	12.78	184	288898	24.05	ng		99
77) Pyrene	12.89	202	1107829	36.46	ng		100
79) Butylbenzylphthalate	13.51	149	598388	43.41	ng	#	84
80) Benzo(a)anthracene	14.08	228	931196	38.54	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	341030	44.74	ng	#	95
82) Chrysene	14.12	228	740972	33.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	765508	42.20	ng	#	96
84) Di-n-octyl phthalate	14.68	149	1114047	40.32	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1096161	62.92	ng		97
87) Benzo(b)fluoranthene	15.12	252	1097441m	39.54	ng		
88) Benzo(k)fluoranthene	15.16	252	676406m	30.22	ng		
89) Benzo(a)pyrene	15.49	252	895677	38.95	ng	#	96
90) Dibenzo(a,h)anthracene	17.02	278	926708	47.21	ng		99
91) Benzo(g,h,i)perylene	17.45	276	879005	44.53	ng	#	93

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

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