Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088738.D
Acq On : 6 Jul 2016 17:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
7/7/2016 1:55:44 AM

Quant Time: Jul 06 18:14:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 16:39:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89799	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	365975	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	174600	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	350784	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	262889	20.00	ng		-0.01
86) Perylene-d12	15.27	264	248176	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	439162	73.29	ng		-0.01
7) Phenol-d6	6.39	99	561154	72.48	ng		-0.01
23) Nitrobenzene-d5	7.32	82	601845	86.18	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	147890	91.21	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	1060367	95.93	ng		0.00
78) Terphenyl-d14	12.85	244	896456	75.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	104156	35.06	ng	#	39
3) Pyridine	2.95	79	301172	34.94	ng		91
4) n-Nitrosodimethylamine	2.90	42	110426	33.53	ng		90
6) Aniline	6.41	93	401727	35.60	ng	#	86
8) 2-Chlorophenol	6.54	128	262794	40.81	ng		92
9) Benzaldehyde	6.30	77	181779	34.66	ng		93
10) Phenol	6.40	94	277408	31.40	ng	#	58
11) bis(2-Chloroethyl)ether	6.49	93	234292	35.56	ng		89
12) 1,3-Dichlorobenzene	6.70	146	271293m	38.28	ng		
13) 1,4-Dichlorobenzene	6.76	146	259411	36.88	ng		93
14) 1,2-Dichlorobenzene	6.92	146	281426m	42.75	ng		
15) Benzyl Alcohol	6.90	79	233175	40.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	308493	32.33	ng		89
17) 2-Methylphenol	7.02	107	210376	40.05	ng		99
18) Hexachloroethane	7.27	117	110748	40.70	ng		93
19) n-Nitroso-di-n-propylamine	7.18	70	184699	35.52	ng		92
20) 3+4-Methylphenols	7.16	107	265563	42.12	ng	#	51
22) Acetophenone	7.16	105	343970	38.72	ng	#	86
24) Nitrobenzene	7.34	77	268811	38.18	ng	#	83
25) Isophorone	7.58	82	513751	39.71	ng		94
26) 2-Nitrophenol	7.66	139	146438	50.72	ng	#	89
27) 2,4-Dimethylphenol	7.70	122	257438	42.81	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	316538	37.60	ng	#	95
29) 2,4-Dichlorophenol	7.90	162	207415	42.68	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	217609	40.80	ng		98
31) Naphthalene	8.06	128	703829	39.01	ng		100
32) Benzoic acid	7.84	122	179314	41.07	ng		92
33) 4-Chloroaniline	8.11	127	366376	45.64	ng		96
34) Hexachlorobutadiene	8.18	225	128497	44.99	ng		99
35) Caprolactam	8.49	113	76609	46.41	ng	#	86
36) 4-Chloro-3-methylphenol	8.59	107	234128	40.74	ng		90
37) 2-Methylnaphthalene	8.75	142	519895	44.75	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	231624	39.89	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	109674	38.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	159776	41.73	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	140569	42.67	ng	#	83
45) 1,1'-Biphenyl	9.21	154	548590	37.94	ng		98
46) 2-Chloronaphthalene	9.23	162	443010	39.03	ng		96
47) 2-Nitroaniline	9.34	65	172040	42.71	ng	#	64
48) Acenaphthylene	9.64	152	727743	40.30	ng		100
49) Dimethylphthalate	9.52	163	523471	42.08	ng		100
50) 2,6-Dinitrotoluene	9.58	165	119196	43.24	ng	#	56
51) Acenaphthene	9.82	154	468102	42.29	ng		98
52) 3-Nitroaniline	9.75	138	169580	48.39	ng		82
53) 2,4-Dinitrophenol	9.85	184	68703	56.44	ng	#	71
54) Dibenzofuran	9.99	168	567512	39.17	ng	#	86
55) 4-Nitrophenol	9.91	139	130409	48.97	ng	#	78
56) 2,4-Dinitrotoluene	9.98	165	158766	44.05	ng	#	57
57) Fluorene	10.33	166	449091	40.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	121034	47.49	ng	#	53
59) Diethylphthalate	10.22	149	559233	44.80	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	238813	46.03	ng		94
61) 4-Nitroaniline	10.35	138	140066	41.53	ng		83
62) Azobenzene	10.49	77	610515	42.87	ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	101058	53.86	ng	#	61
65) n-Nitrosodiphenylamine	10.44	169	430367	36.25	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	136282	38.55	ng	#	71
67) Hexachlorobenzene	10.88	284	167768	42.87	ng	#	90
68) Atrazine	10.98	200	161984	43.79	ng		99
69) Pentachlorophenol	11.07	266	100541	43.41	ng		98
70) Phenanthrene	11.29	178	813540	42.43	ng		99
71) Anthracene	11.34	178	715395	37.52	ng		99
72) Carbazole	11.50	167	765595	42.66	ng		99
73) Di-n-butylphthalate	11.83	149	859338	41.17	ng	#	99
74) Fluoranthene	12.47	202	833091	42.86	ng		98
76) Benzidine	12.59	184	587651	44.22	ng		98
77) Pyrene	12.70	202	890743	39.96	ng		99
79) Butylbenzylphthalate	13.33	149	392458	39.47	ng		96
80) Benzo(a)anthracene	13.87	228	664727	39.27	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	246732	38.77	ng	#	95
82) Chrysene	13.91	228	633684	37.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	513994	45.28	ng	#	99
84) Di-n-octyl phthalate	14.49	149	877497	45.50	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	486224	37.74	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	565464	36.32	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	592539m	43.72	ng		
89) Benzo(a)pyrene	15.21	252	517170	39.24	ng		96
90) Dibenzo(a,h)anthracene	16.59	278	418636	38.03	ng		99
91) Benzo(g,h,i)perylene	16.97	276	410932	36.08	ng		98

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

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