Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090581.D
Acq On : 14 Oct 2016 23:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/17/2016 6:37:24 PM

Quant Time: Oct 15 04:42:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	193219	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	820135	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	395953	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	593618	20.00	ng		0.00
75) Chrysene-d12	14.10	240	396218	20.00	ng		0.00
86) Perylene-d12	15.56	264	346705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	955468	90.65	ng		-0.01
7) Phenol-d6	6.55	99	1349793	86.19	ng		0.00
23) Nitrobenzene-d5	7.49	82	1223112	82.85	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	290109	82.18	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1995566	83.04	ng		0.00
78) Terphenyl-d14	13.04	244	1594025	93.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	257812	42.92	ng		98
3) Pyridine	3.29	79	636955	47.31	ng		94
4) n-Nitrosodimethylamine	3.24	42	204550	43.27	ng		91
6) Aniline	6.58	93	795335	42.02	ng		92
8) 2-Chlorophenol	6.70	128	590762	43.23	ng		94
9) Benzaldehyde	6.46	77	392316	39.40	ng		91
10) Phenol	6.57	94	734499	41.01	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	633914	42.90	ng		97
12) 1,3-Dichlorobenzene	6.86	146	568409	41.71	ng		96
13) 1,4-Dichlorobenzene	6.93	146	598483m	40.37	ng		
14) 1,2-Dichlorobenzene	7.09	146	615077	44.39	ng		99
15) Benzyl Alcohol	7.07	79	485347	45.50	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	935062	44.96	ng		93
17) 2-Methylphenol	7.18	107	443405	41.63	ng		99
18) Hexachloroethane	7.43	117	242912	41.47	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	447466	41.67	ng		97
20) 3+4-Methylphenols	7.33	107	557848	43.20	ng		93
22) Acetophenone	7.33	105	768371	42.41	ng		95
24) Nitrobenzene	7.50	77	613663	40.50	ng		97
25) Isophorone	7.74	82	1085663	40.40	ng		99
26) 2-Nitrophenol	7.82	139	299810	43.62	ng		93
27) 2,4-Dimethylphenol	7.87	122	446364	39.13	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	651138	41.04	ng		100
29) 2,4-Dichlorophenol	8.06	162	403407	40.38	ng		91
30) 1,2,4-Trichlorobenzene	8.15	180	477789	40.83	ng		98
31) Naphthalene	8.23	128	1696343	40.60	ng		100
32) Benzoic acid	7.98	122	286620	40.91	ng		97
33) 4-Chloroaniline	8.28	127	652609	40.87	ng		96
34) Hexachlorobutadiene	8.35	225	279738	42.79	ng		99
35) Caprolactam	8.66	113	129140	46.31	ng	#	81
36) 4-Chloro-3-methylphenol	8.76	107	461945	40.07	ng		93
37) 2-Methylnaphthalene	8.92	142	995486	40.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	464375	44.23	ng		98
40) Hexachlorocyclopentadiene	9.08	237	100630	19.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	265148	44.77	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	295734	41.86	ng		93
45) 1,1'-Biphenyl	9.39	154	1343049	44.57	ng		99
46) 2-Chloronaphthalene	9.41	162	945878	42.10	ng		99
47) 2-Nitroaniline	9.51	65	327450	40.20	ng		87
48) Acenaphthylene	9.82	152	1372523	38.37	ng		100
49) Dimethylphthalate	9.69	163	1020712	39.73	ng		100
50) 2,6-Dinitrotoluene	9.75	165	236258	42.03	ng	#	86
51) Acenaphthene	10.01	154	909881	38.27	ng		99
52) 3-Nitroaniline	9.93	138	285581	40.49	ng		94
53) 2,4-Dinitrophenol	10.03	184	38334	17.34	ng	#	68
54) Dibenzofuran	10.18	168	1209313	38.66	ng		97
55) 4-Nitrophenol	10.09	139	141120	33.24	ng		91
56) 2,4-Dinitrotoluene	10.15	165	312487	40.93	ng		94
57) Fluorene	10.52	166	991629	38.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	240426	40.86	ng		90
59) Diethylphthalate	10.38	149	1026493	39.40	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	506712	41.66	ng		98
61) 4-Nitroaniline	10.54	138	271518	38.39	ng		91
62) Azobenzene	10.67	77	1144408	37.97	ng		97
64) 4,6-Dinitro-2-methylphenol	10.57	198	75346	20.97	ng		93
65) n-Nitrosodiphenylamine	10.62	169	804849	41.05	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	280211	43.99	ng		98
67) Hexachlorobenzene	11.07	284	292477	42.29	ng	#	61
68) Atrazine	11.15	200	223168	41.15	ng		98
69) Pentachlorophenol	11.25	266	123103	35.92	ng		96
70) Phenanthrene	11.48	178	1316338	41.54	ng		100
71) Anthracene	11.53	178	1333487	39.10	ng		100
72) Carbazole	11.69	167	1250567	40.97	ng		99
73) Di-n-butylphthalate	12.02	149	1640741	45.87	ng		100
74) Fluoranthene	12.67	202	1204997	37.81	ng		99
76) Benzidine	12.80	184	419038	42.51	ng		99
77) Pyrene	12.90	202	1182993	45.08	ng		100
79) Butylbenzylphthalate	13.52	149	606053	52.13	ng		98
80) Benzo(a)anthracene	14.09	228	954997	42.34	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	337425	43.79	ng		100
82) Chrysene	14.12	228	857835	39.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	859584	54.80	ng		99
84) Di-n-octyl phthalate	14.69	149	1200360	57.08	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	920828	73.28	ng		98
87) Benzo(b)fluoranthene	15.13	252	856567	37.76	ng		99
88) Benzo(k)fluoranthene	15.16	252	828399m	33.94	ng		
89) Benzo(a)pyrene	15.50	252	828809	39.90	ng	#	95
90) Dibenzo(a,h)anthracene	17.04	278	816039	51.52	ng		99
91) Benzo(g,h,i)perylene	17.46	276	721138	47.75	ng		98

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

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