Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082516\
Data File : BF089911.D
Acq On : 25 Aug 2016 15:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/25/2016 7:42:32 PM

Quant Time: Aug 25 19:30:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	668707	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	2690358	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	1286783	20.00	ng		-0.01
63) Phenanthrene-d10	11.18	188	2296495	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	1624429	20.00	ng		-0.03
86) Perylene-d12	15.29	264	1523832	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2986542	76.59	ng		-0.02
7) Phenol-d6	6.31	99	3536288	73.88	ng		-0.01
23) Nitrobenzene-d5	7.23	82	3025775	69.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	964077	78.84	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	5357823	73.18	ng		-0.02
78) Terphenyl-d14	12.76	244	3993421	55.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	785606	40.71	ng		92
3) Pyridine	2.74	79	2046078	40.42	ng		90
4) n-Nitrosodimethylamine	2.71	42	748844	39.74	ng	#	76
6) Aniline	6.33	93	2482079	38.66	ng		98
8) 2-Chlorophenol	6.44	128	1785260	38.28	ng		87
9) Benzaldehyde	6.20	77	1159474	37.19	ng		79
10) Phenol	6.32	94	1844536	32.88	ng		88
11) bis(2-Chloroethyl)ether	6.41	93	1843029	42.37	ng		93
12) 1,3-Dichlorobenzene	6.60	146	2046569m	41.98	ng		
13) 1,4-Dichlorobenzene	6.68	146	1963804m	39.19	ng		
14) 1,2-Dichlorobenzene	6.83	146	1760712	37.64	ng		95
15) Benzyl Alcohol	6.81	79	1062129	33.46	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2170084	38.98	ng		92
17) 2-Methylphenol	6.94	107	1539776	42.16	ng		95
18) Hexachloroethane	7.18	117	715928	40.06	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	1015886	33.18	ng	#	87
20) 3+4-Methylphenols	7.10	107	1784013	39.84	ng	#	45
22) Acetophenone	7.08	105	2300003	37.23	ng	#	85
24) Nitrobenzene	7.26	77	1962309	40.39	ng	#	88
25) Isophorone	7.50	82	3296369	37.74	ng		96
26) 2-Nitrophenol	7.56	139	937769	38.68	ng	#	82
27) 2,4-Dimethylphenol	7.62	122	1769972	40.51	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	1856281	34.35	ng		96
29) 2,4-Dichlorophenol	7.82	162	1601095	43.68	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1576617	38.88	ng		97
31) Naphthalene	7.98	128	4830026	38.41	ng		97
32) Benzoic acid	7.77	122	1370699	40.26	ng		95
33) 4-Chloroaniline	8.02	127	1883603	34.56	ng	#	90
34) Hexachlorobutadiene	8.10	225	826319	38.91	ng		96
35) Caprolactam	8.42	113	455592	40.81	ng		99
36) 4-Chloro-3-methylphenol	8.51	107	1378783	34.73	ng		94
37) 2-Methylnaphthalene	8.66	142	2827163m	34.76	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1536419	36.87	ng		97
40) Hexachlorocyclopentadiene	8.82	237	679966	47.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	1088858	41.54	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	1047587	40.18	ng		96
45) 1,1'-Biphenyl	9.13	154	3350100	33.64	ng		94
46) 2-Chloronaphthalene	9.15	162	3168216	40.25	ng		95
47) 2-Nitroaniline	9.24	65	816243	36.36	ng		89
48) Acenaphthylene	9.56	152	4706664	39.79	ng		95
49) Dimethylphthalate	9.44	163	3372668	37.22	ng		98
50) 2,6-Dinitrotoluene	9.50	165	784421	37.50	ng		99
51) Acenaphthene	9.74	154	2906428	37.13	ng		98
52) 3-Nitroaniline	9.66	138	1043920	45.05	ng		96
53) 2,4-Dinitrophenol	9.76	184	392428	41.00	ng		95
54) Dibenzofuran	9.91	168	3769275	38.33	ng		97
55) 4-Nitrophenol	9.83	139	853722	45.13	ng		97
56) 2,4-Dinitrotoluene	9.90	165	1074274	39.58	ng	#	79
57) Fluorene	10.25	166	3026548	38.62	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	720022	37.94	ng		98
59) Diethylphthalate	10.14	149	3415870	37.11	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	1265213	35.40	ng	#	87
61) 4-Nitroaniline	10.27	138	1023179	47.09	ng		96
62) Azobenzene	10.40	77	3080199	35.60	ng		94
64) 4,6-Dinitro-2-methylphenol	10.31	198	681666	51.65	ng	#	64
65) n-Nitrosodiphenylamine	10.36	169	2535277	35.11	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	844977	35.09	ng	#	74
67) Hexachlorobenzene	10.79	284	1047662	38.14	ng	#	73
68) Atrazine	10.90	200	946219	42.79	ng		97
69) Pentachlorophenol	10.98	266	626477	40.24	ng		97
70) Phenanthrene	11.20	178	3953174	34.08	ng		95
71) Anthracene	11.26	178	4696454	39.83	ng		96
72) Carbazole	11.40	167	4171773	39.45	ng		98
73) Di-n-butylphthalate	11.76	149	5316704	40.18	ng		97
74) Fluoranthene	12.39	202	4746388	43.02	ng		95
76) Benzidine	12.51	184	2577098	49.02	ng		97
77) Pyrene	12.60	202	4238193	32.04	ng		95
79) Butylbenzylphthalate	13.26	149	2655108	44.44	ng		100
80) Benzo(a)anthracene	13.83	228	3874906	41.65	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	1494878	49.01	ng		99
82) Chrysene	13.86	228	3345658	41.95	ng		97
83) Bis(2-ethylhexyl)phthalate	13.85	149	3403590	41.36	ng		96
84) Di-n-octyl phthalate	14.51	149	5388305	49.27	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.58	276	3357090	32.99	ng		100
87) Benzo(b)fluoranthene	14.91	252	3462139m	41.30	ng		
88) Benzo(k)fluoranthene	14.95	252	3375358m	44.38	ng		
89) Benzo(a)pyrene	15.25	252	3218190	40.56	ng		96
90) Dibenzo(a,h)anthracene	16.59	278	2751816	31.95	ng		96
91) Benzo(g,h,i)perylene	16.96	276	2782059	30.68	ng		98

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

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