Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088329.D
Acq On : 24 Jun 2016 11:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/24/2016 1:33:05 PM

Quant Time: Jun 24 12:58:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	100116	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	393157	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	172347	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	284339	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	178895	20.00	ng		-0.01
86) Perylene-d12	15.09	264	181528	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	456683	77.98	ng		0.01
7) Phenol-d6	6.27	99	517258	72.88	ng		0.01
23) Nitrobenzene-d5	7.18	82	501997	74.56	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	117182	64.39	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	892735	81.12	ng		-0.01
78) Terphenyl-d14	12.68	244	636906	81.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	110431	38.81	ng	#	45
3) Pyridine	2.65	79	245547	36.55	ng		92
4) n-Nitrosodimethylamine	2.62	42	86274	30.32	ng		82
6) Aniline	6.26	93	333733	33.04	ng		94
8) 2-Chlorophenol	6.39	128	271634	39.19	ng		87
9) Benzaldehyde	6.15	77	170784	38.33	ng		98
10) Phenol	6.28	94	335112	45.77	ng		91
11) bis(2-Chloroethyl)ether	6.34	93	258613	41.56	ng		87
12) 1,3-Dichlorobenzene	6.54	146	280805m	37.76	ng		
13) 1,4-Dichlorobenzene	6.62	146	289919	38.70	ng		97
14) 1,2-Dichlorobenzene	6.76	146	256287m	37.62	ng		
15) Benzyl Alcohol	6.76	79	196203	35.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	258466	30.74	ng	#	9
17) 2-Methylphenol	6.89	107	195183	34.72	ng	#	88
18) Hexachloroethane	7.10	117	95310	35.85	ng	#	84
19) n-Nitroso-di-n-propylamine	7.03	70	159779	35.19	ng		90
20) 3+4-Methylphenols	7.05	107	263409	40.16	ng	#	78
22) Acetophenone	7.03	105	366784	41.75	ng		96
24) Nitrobenzene	7.20	77	251596	38.58	ng		94
25) Isophorone	7.44	82	465219	37.30	ng		95
26) 2-Nitrophenol	7.51	139	145315	41.59	ng	#	88
27) 2,4-Dimethylphenol	7.56	122	224480	34.90	ng		93
28) bis(2-Chloroethoxy)methane	7.66	93	304161	39.32	ng		98
29) 2,4-Dichlorophenol	7.76	162	226195	42.12	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	224953	38.47	ng		100
31) Naphthalene	7.91	128	750947	38.60	ng		99
32) Benzoic acid	7.74	122	109400	30.89	ng		96
33) 4-Chloroaniline	7.98	127	313623	36.10	ng	#	92
34) Hexachlorobutadiene	8.02	225	114733	37.20	ng		99
35) Caprolactam	8.36	113	65083	36.59	ng	#	79
36) 4-Chloro-3-methylphenol	8.48	107	222787	38.79	ng		90
37) 2-Methylnaphthalene	8.59	142	464461m	36.22	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	212117	48.61	ng	#	1
40) Hexachlorocyclopentadiene	8.74	237	45244	16.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	126812	36.79	ng		100
43) 2,4,5-Trichlorophenol	8.94	196	135329	37.74	ng	#	91
45) 1,1'-Biphenyl	9.06	154	586372	45.38	ng		97
46) 2-Chloronaphthalene	9.08	162	450545	40.40	ng		98
47) 2-Nitroaniline	9.20	65	129545	39.38	ng	#	67
48) Acenaphthylene	9.50	152	681685	38.43	ng		99
49) Dimethylphthalate	9.37	163	516882	41.40	ng		99
50) 2,6-Dinitrotoluene	9.44	165	121741	42.58	ng	#	82
51) Acenaphthene	9.67	154	408944	36.95	ng		98
52) 3-Nitroaniline	9.61	138	127471	38.64	ng		90
53) 2,4-Dinitrophenol	9.72	184	35173	28.26	ng		88
54) Dibenzofuran	9.84	168	588011	38.58	ng		91
55) 4-Nitrophenol	9.80	139	58764m	22.95	ng		
56) 2,4-Dinitrotoluene	9.84	165	134202	36.52	ng	#	34
57) Fluorene	10.18	166	435890	42.00	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	102310	36.31	ng	#	58
59) Diethylphthalate	10.07	149	520827	41.21	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	190179	37.52	ng		95
61) 4-Nitroaniline	10.23	138	114738	36.66	ng		98
62) Azobenzene	10.33	77	487967	39.05	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	46823	27.35	ng		92
65) n-Nitrosodiphenylamine	10.30	169	397867	42.17	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	128776	42.22	ng		93
67) Hexachlorobenzene	10.72	284	127062	40.09	ng		93
68) Atrazine	10.83	200	125653	43.98	ng		95
69) Pentachlorophenol	10.92	266	67990	40.70	ng		98
70) Phenanthrene	11.13	178	614186	41.16	ng		99
71) Anthracene	11.19	178	611643	40.64	ng		98
72) Carbazole	11.35	167	561810	39.89	ng		99
73) Di-n-butylphthalate	11.68	149	759570	42.60	ng		99
74) Fluoranthene	12.31	202	532236	33.80	ng		99
76) Benzidine	12.44	184	195869	39.54	ng		98
77) Pyrene	12.54	202	542349	40.85	ng		98
79) Butylbenzylphthalate	13.15	149	253025	43.11	ng	#	78
80) Benzo(a)anthracene	13.71	228	409035	40.12	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	132775	48.43	ng	#	98
82) Chrysene	13.76	228	432998	45.15	ng		98
83) Bis(2-ethylhexyl)phthalate	13.71	149	304816	42.66	ng	#	98
84) Di-n-octyl phthalate	14.33	149	564238	48.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	387247	43.46	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	424955m	33.59	ng		
88) Benzo(k)fluoranthene	14.74	252	409295m	42.88	ng		
89) Benzo(a)pyrene	15.04	252	411240	40.17	ng	#	93
90) Dibenzo(a,h)anthracene	16.34	278	325754	34.26	ng		97
91) Benzo(g,h,i)perylene	16.71	276	324394	33.17	ng		99

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

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