Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087832.D
Acq On : 9 Jun 2016 4:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/9/2016 8:01:57 PM

Quant Time: Jun 09 06:48:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	100858	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	398727	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	160904	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	239810	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	196645	20.00	ng		0.00
86) Perylene-d12	15.42	264	168095	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	490029	83.06	ng		-0.01
7) Phenol-d6	6.46	99	587804	82.21	ng		-0.02
23) Nitrobenzene-d5	7.39	82	491336	71.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	116240	68.42	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	960808	94.42	ng		-0.01
78) Terphenyl-d14	12.94	244	642362	74.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	119684	41.75	ng	#	36
3) Pyridine	3.10	79	310972	45.94	ng		98
4) n-Nitrosodimethylamine	3.04	42	119775	41.78	ng		94
6) Aniline	6.49	93	412665	40.55	ng		99
8) 2-Chlorophenol	6.62	128	262865	37.64	ng	#	80
9) Benzaldehyde	6.38	77	183230	44.08	ng		98
10) Phenol	6.48	94	324578	43.91	ng		76
11) bis(2-Chloroethyl)ether	6.57	93	252780	40.32	ng	#	82
12) 1,3-Dichlorobenzene	6.76	146	279199	37.26	ng		99
13) 1,4-Dichlorobenzene	6.84	146	302888	40.13	ng		99
14) 1,2-Dichlorobenzene	7.00	146	265831	38.73	ng		100
15) Benzyl Alcohol	6.97	79	213625	38.19	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	322231	38.04	ng		97
17) 2-Methylphenol	7.08	107	205178	36.23	ng		98
18) Hexachloroethane	7.35	117	80419	30.03	ng	#	86
19) n-Nitroso-di-n-propylamine	7.24	70	156152	34.14	ng		96
20) 3+4-Methylphenols	7.24	107	269956	40.86	ng	#	76
22) Acetophenone	7.24	105	356875	40.05	ng	#	95
24) Nitrobenzene	7.42	77	295245	44.64	ng		99
25) Isophorone	7.66	82	491159	38.83	ng		95
26) 2-Nitrophenol	7.72	139	114486	32.31	ng		99
27) 2,4-Dimethylphenol	7.77	122	240726	36.90	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	296289	37.77	ng		99
29) 2,4-Dichlorophenol	7.98	162	208721	38.32	ng		89
30) 1,2,4-Trichlorobenzene	8.06	180	226468	38.18	ng		100
31) Naphthalene	8.14	128	738475	37.43	ng		99
32) Benzoic acid	7.87	122	126761m	35.29	ng		
33) 4-Chloroaniline	8.18	127	297188	33.73	ng		99
34) Hexachlorobutadiene	8.26	225	117195	37.47	ng		99
35) Caprolactam	8.56	113	61198	33.92	ng		94
36) 4-Chloro-3-methylphenol	8.67	107	219001	37.60	ng		91
37) 2-Methylnaphthalene	8.82	142	449630	34.57	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	194683	47.31	ng	#	1
40) Hexachlorocyclopentadiene	8.98	237	13047	5.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	128629	39.98	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	129010	38.54	ng		98
45) 1,1'-Biphenyl	9.29	154	530811	43.78	ng		99
46) 2-Chloronaphthalene	9.31	162	392397	37.69	ng		99
47) 2-Nitroaniline	9.42	65	131972	42.97	ng	#	70
48) Acenaphthylene	9.74	152	642166	38.77	ng		99
49) Dimethylphthalate	9.60	163	489079	41.96	ng		99
50) 2,6-Dinitrotoluene	9.66	165	96489	36.15	ng	#	65
51) Acenaphthene	9.91	154	391011	37.84	ng		99
52) 3-Nitroaniline	9.83	138	132325	42.96	ng	#	79
53) 2,4-Dinitrophenol	9.93	184	5928	7.97	ng	#	78
54) Dibenzofuran	10.08	168	565387	39.74	ng		95
55) 4-Nitrophenol	9.99	139	75831	31.72	ng	#	65
56) 2,4-Dinitrotoluene	10.06	165	115226	33.59	ng	#	68
57) Fluorene	10.42	166	414586	42.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	91082	34.62	ng	#	52
59) Diethylphthalate	10.30	149	451999	38.31	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	175222	37.03	ng		95
61) 4-Nitroaniline	10.43	138	97372	33.33	ng		95
62) Azobenzene	10.57	77	421781	36.15	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	13530	10.79	ng	#	63
65) n-Nitrosodiphenylamine	10.54	169	388001	48.76	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	108174	42.05	ng	#	88
67) Hexachlorobenzene	10.97	284	116405	43.55	ng	#	71
68) Atrazine	11.06	200	100874	41.86	ng		93
69) Pentachlorophenol	11.16	266	56231	39.91	ng		96
70) Phenanthrene	11.38	178	543773	43.21	ng		98
71) Anthracene	11.43	178	509184	40.11	ng		99
72) Carbazole	11.59	167	529072	44.54	ng		98
73) Di-n-butylphthalate	11.92	149	607105	40.37	ng		99
74) Fluoranthene	12.56	202	499163	37.59	ng		96
76) Benzidine	12.68	184	298937	54.90	ng		99
77) Pyrene	12.79	202	509415	34.91	ng		100
79) Butylbenzylphthalate	13.42	149	240234	37.24	ng	#	80
80) Benzo(a)anthracene	13.98	228	474989	42.39	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	151203	50.18	ng	#	97
82) Chrysene	14.01	228	446653	42.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	347962	44.31	ng	#	96
84) Di-n-octyl phthalate	14.59	149	637006	49.92	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	368912	37.66	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	407535	34.78	ng	#	97
88) Benzo(k)fluoranthene	15.04	252	399517m	45.20	ng		
89) Benzo(a)pyrene	15.36	252	379138	40.00	ng	#	92
90) Dibenzo(a,h)anthracene	16.82	278	311728	35.41	ng		96
91) Benzo(g,h,i)perylene	17.21	276	299345	33.05	ng		99

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

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