Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087367.D
Acq On : 25 May 2016 11:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/26/2016 6:36:03 PM

Quant Time: May 25 16:28:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	149931	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	622646	20.00	ng		0.00
38) Acenaphthene-d10	12.39	164	291158	20.00	ng		0.00
63) Phenanthrene-d10	14.78	188	556293	20.00	ng		0.00
75) Chrysene-d12	18.48	240	426460	20.00	ng		0.00
86) Perylene-d12	20.14	264	344161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	750583	87.97	ng		0.00
7) Phenol-d6	7.07	99	982361	85.20	ng		0.00
23) Nitrobenzene-d5	8.44	82	1021714	82.70	ng		0.00
41) 2,4,6-Tribromophenol	13.68	330	233865	83.58	ng		0.00
44) 2-Fluorobiphenyl	11.34	172	1546972	74.90	ng		0.00
78) Terphenyl-d14	17.13	244	1508621	75.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	176715	39.25	ng	#	79
3) Pyridine	2.41	79	389434	39.57	ng	#	68
4) n-Nitrosodimethylamine	2.39	42	324233	42.75	ng	#	48
6) Aniline	7.03	93	617222	41.38	ng		92
8) 2-Chlorophenol	7.20	128	435682	40.94	ng		89
9) Benzaldehyde	6.83	77	248613	39.06	ng		96
10) Phenol	7.08	94	471955	37.49	ng		75
11) bis(2-Chloroethyl)ether	7.16	93	407494	39.99	ng		85
12) 1,3-Dichlorobenzene	7.42	146	456457	39.33	ng	#	90
13) 1,4-Dichlorobenzene	7.55	146	475203	39.88	ng		95
14) 1,2-Dichlorobenzene	7.78	146	439829	39.91	ng		98
15) Benzyl Alcohol	7.82	79	374725	44.58	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	862063	37.60	ng		85
17) 2-Methylphenol	8.03	107	354277	41.54	ng	#	86
18) Hexachloroethane	8.30	117	174264	39.20	ng		100
19) n-Nitroso-di-n-propylamine	8.25	70	345985	40.24	ng	#	72
20) 3+4-Methylphenols	8.30	107	461950	44.81	ng	#	59
22) Acetophenone	8.22	105	626297	42.10	ng	#	98
24) Nitrobenzene	8.48	77	548676	42.07	ng		94
25) Isophorone	8.88	82	898563	40.55	ng		97
26) 2-Nitrophenol	8.98	139	235043	44.09	ng	#	87
27) 2,4-Dimethylphenol	9.12	122	390980	42.25	ng		88
28) bis(2-Chloroethoxy)methane	9.24	93	495081	39.67	ng	#	98
29) 2,4-Dichlorophenol	9.38	162	355553	42.63	ng		95
30) 1,2,4-Trichlorobenzene	9.48	180	379891	39.79	ng		99
31) Naphthalene	9.59	128	1239017	39.71	ng		99
32) Benzoic acid	9.45	122	170553	37.27	ng	#	78
33) 4-Chloroaniline	9.74	127	489972	42.64	ng		97
34) Hexachlorobutadiene	9.80	225	227193	39.15	ng		97
35) Caprolactam	10.39	113	108828m	44.71	ng		
36) 4-Chloro-3-methylphenol	10.59	107	417706	44.30	ng		93
37) 2-Methylnaphthalene	10.72	142	787854	40.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	367580	39.44	ng		99
40) Hexachlorocyclopentadiene	10.96	237	113552	35.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	224476	41.73	ng		96
43) 2,4,5-Trichlorophenol	11.29	196	228576	41.72	ng	#	93
45) 1,1'-Biphenyl	11.48	154	933125	38.07	ng		97
46) 2-Chloronaphthalene	11.50	162	730650	38.96	ng	#	91
47) 2-Nitroaniline	11.71	65	290881	43.05	ng	#	77
48) Acenaphthylene	12.16	152	1199694	40.41	ng		99
49) Dimethylphthalate	12.04	163	914784	39.22	ng		100
50) 2,6-Dinitrotoluene	12.14	165	201426	42.86	ng		93
51) Acenaphthene	12.43	154	732509	40.14	ng		98
52) 3-Nitroaniline	12.40	138	219029	45.41	ng		89
53) 2,4-Dinitrophenol	12.59	184	83175	38.30	ng	#	77
54) Dibenzofuran	12.72	168	965434	39.07	ng		94
55) 4-Nitrophenol	12.78	139	115412	50.16	ng	#	57
56) 2,4-Dinitrotoluene	12.79	165	259732	41.35	ng	#	93
57) Fluorene	13.28	166	852333	39.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	177667	42.16	ng		98
59) Diethylphthalate	13.19	149	865007	38.15	ng		98
60) 4-Chlorophenyl-phenylether	13.30	204	400775	38.36	ng		98
61) 4-Nitroaniline	13.41	138	197796	43.94	ng	#	68
62) Azobenzene	13.57	77	964777	41.01	ng		87
64) 4,6-Dinitro-2-methylphenol	13.45	198	143700	40.63	ng	#	53
65) n-Nitrosodiphenylamine	13.52	169	691172	38.42	ng		100
66) 4-Bromophenyl-phenylether	14.09	248	230278	37.84	ng		94
67) Hexachlorobenzene	14.16	284	244967	38.49	ng	#	75
68) Atrazine	14.43	200	201087	35.07	ng		94
69) Pentachlorophenol	14.51	266	99742	52.71	ng		95
70) Phenanthrene	14.82	178	1196396	38.83	ng		100
71) Anthracene	14.90	178	1225396	39.37	ng		100
72) Carbazole	15.19	167	1083482	40.81	ng		98
73) Di-n-butylphthalate	15.77	149	1260008	36.70	ng	#	98
74) Fluoranthene	16.58	202	1255164	40.62	ng		92
76) Benzidine	16.81	184	263737	24.04	ng		96
77) Pyrene	16.88	202	1256357	40.93	ng		99
79) Butylbenzylphthalate	17.79	149	528529	38.82	ng	#	74
80) Benzo(a)anthracene	18.46	228	954587	39.35	ng		98
81) 3,3'-Dichlorobenzidine	18.46	252	616618	46.01	ng	#	96
82) Chrysene	18.51	228	993880	41.28	ng		100
83) Bis(2-ethylhexyl)phthalate	18.54	149	693293	34.90	ng	#	95
84) Di-n-octyl phthalate	19.31	149	1031766	34.06	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	818169	42.39	ng		94
87) Benzo(b)fluoranthene	19.73	252	855561	39.03	ng		98
88) Benzo(k)fluoranthene	19.76	252	725169m	38.43	ng		
89) Benzo(a)pyrene	20.08	252	753936	39.76	ng		99
90) Dibenzo(a,h)anthracene	21.36	278	684598	42.33	ng		97
91) Benzo(g,h,i)perylene	21.71	276	693169	43.44	ng	#	90

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

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