Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088239.D
Acq On : 22 Jun 2016 4:50
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/22/2016 6:08:11 PM

Quant Time: Jun 22 07:41:32 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 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	87182	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	346820	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	157744	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	293715	20.00	ng		0.00
75) Chrysene-d12	13.79	240	198766	20.00	ng		0.00
86) Perylene-d12	15.17	264	170164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	406768	79.76	ng		-0.01
7) Phenol-d6	6.31	99	446950	72.32	ng		0.00
23) Nitrobenzene-d5	7.22	82	432967	72.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	111549	66.97	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	753005	74.29	ng		0.00
78) Terphenyl-d14	12.75	244	716940	82.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	98750	39.85	ng	#	45
3) Pyridine	2.75	79	237708	40.63	ng		92
4) n-Nitrosodimethylamine	2.71	42	81108	32.73	ng		81
6) Aniline	6.32	93	309716	35.21	ng	#	44
8) 2-Chlorophenol	6.44	128	227959	37.77	ng	#	81
9) Benzaldehyde	6.19	77	143824	36.00	ng		85
10) Phenol	6.32	94	260883	40.64	ng	#	49
11) bis(2-Chloroethyl)ether	6.40	93	232282	42.86	ng		85
12) 1,3-Dichlorobenzene	6.59	146	249169m	38.47	ng		
13) 1,4-Dichlorobenzene	6.67	146	246868	37.84	ng		96
14) 1,2-Dichlorobenzene	6.82	146	234920m	39.59	ng		
15) Benzyl Alcohol	6.81	79	160693	33.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	244569	33.40	ng		77
17) 2-Methylphenol	6.94	107	185852	37.97	ng		94
18) Hexachloroethane	7.16	117	88994	38.44	ng		89
19) n-Nitroso-di-n-propylamine	7.08	70	146359	37.02	ng	#	80
20) 3+4-Methylphenols	7.08	107	234292	41.02	ng	#	88
22) Acetophenone	7.07	105	295321	38.10	ng	#	98
24) Nitrobenzene	7.24	77	230319	40.03	ng		94
25) Isophorone	7.48	82	401741	36.52	ng		100
26) 2-Nitrophenol	7.56	139	125703	40.79	ng	#	78
27) 2,4-Dimethylphenol	7.61	122	200227	35.29	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	280370	41.09	ng	#	97
29) 2,4-Dichlorophenol	7.80	162	190687	40.25	ng		95
30) 1,2,4-Trichlorobenzene	7.88	180	199297	38.63	ng		98
31) Naphthalene	7.96	128	639080	37.24	ng		99
32) Benzoic acid	7.76	122	96832	30.99	ng		95
33) 4-Chloroaniline	8.02	127	287250	37.48	ng	#	93
34) Hexachlorobutadiene	8.08	225	104501	38.41	ng		99
35) Caprolactam	8.40	113	59634	38.00	ng	#	86
36) 4-Chloro-3-methylphenol	8.51	107	194337	38.36	ng		98
37) 2-Methylnaphthalene	8.65	142	431833	38.17	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	183062	44.38	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	77353	30.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	116113	36.81	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	123659	37.68	ng	#	88
45) 1,1'-Biphenyl	9.12	154	542763	45.97	ng		96
46) 2-Chloronaphthalene	9.14	162	407113	39.88	ng		95
47) 2-Nitroaniline	9.24	65	113845	37.81	ng		86
48) Acenaphthylene	9.55	152	620019	38.19	ng		99
49) Dimethylphthalate	9.43	163	454270	39.76	ng		100
50) 2,6-Dinitrotoluene	9.48	165	103777	39.66	ng	#	60
51) Acenaphthene	9.72	154	374323	36.96	ng		98
52) 3-Nitroaniline	9.66	138	109015	36.10	ng		99
53) 2,4-Dinitrophenol	9.78	184	52010	42.03	ng	#	81
54) Dibenzofuran	9.90	168	521979	37.42	ng		91
55) 4-Nitrophenol	9.85	139	78719	33.59	ng	#	72
56) 2,4-Dinitrotoluene	9.90	165	126173	37.52	ng	#	66
57) Fluorene	10.24	166	436697	46.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	97589	37.84	ng	#	58
59) Diethylphthalate	10.12	149	471705	40.78	ng		100
60) 4-Chlorophenyl-phenylether	10.23	204	173934	37.49	ng		95
61) 4-Nitroaniline	10.27	138	107724	37.61	ng		98
62) Azobenzene	10.39	77	439981	38.47	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	62492	34.71	ng	#	64
65) n-Nitrosodiphenylamine	10.35	169	379707	38.96	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	119827	38.03	ng		97
67) Hexachlorobenzene	10.78	284	119929	36.63	ng	#	89
68) Atrazine	10.89	200	114524	38.81	ng		98
69) Pentachlorophenol	10.98	266	64834	37.57	ng		96
70) Phenanthrene	11.19	178	597497	38.77	ng		99
71) Anthracene	11.24	178	627336	40.35	ng		99
72) Carbazole	11.40	167	580455	39.90	ng		99
73) Di-n-butylphthalate	11.74	149	686711	37.29	ng		99
74) Fluoranthene	12.38	202	630075	38.74	ng		97
76) Benzidine	12.50	184	233665	42.46	ng		98
77) Pyrene	12.61	202	633397	42.94	ng		98
79) Butylbenzylphthalate	13.22	149	279424	42.85	ng		88
80) Benzo(a)anthracene	13.78	228	438569	38.72	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	134943	44.30	ng	#	97
82) Chrysene	13.83	228	466899	43.81	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	328480	41.38	ng		99
84) Di-n-octyl phthalate	14.39	149	550824	42.70	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	412156	41.63	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	524336m	44.21	ng		
88) Benzo(k)fluoranthene	14.82	252	264909m	29.61	ng		
89) Benzo(a)pyrene	15.12	252	385574	40.18	ng	#	94
90) Dibenzo(a,h)anthracene	16.46	278	344565	38.66	ng		97
91) Benzo(g,h,i)perylene	16.83	276	362133	39.50	ng		97

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

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