Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087893.D
Acq On : 11 Jun 2016 00:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
6/13/2016 7:12:03 PM

Quant Time: Jun 11 03:47:10 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	6.81	152	105422	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	412411	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	166149	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	250761	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	199825	20.00	ng		-0.03
86) Perylene-d12	15.36	264	163734	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	469526	76.14	ng		-0.02
7) Phenol-d6	6.46	99	626522	83.83	ng		-0.02
23) Nitrobenzene-d5	7.38	82	498806	70.63	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	107957	61.54	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	837040	78.73	ng		-0.03
78) Terphenyl-d14	12.91	244	645345	73.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	116442	38.86	ng	#	37
3) Pyridine	3.07	79	275556	38.95	ng		94
4) n-Nitrosodimethylamine	3.02	42	111732	37.29	ng		90
6) Aniline	6.48	93	421013	39.58	ng		96
8) 2-Chlorophenol	6.59	128	272322	37.31	ng		99
9) Benzaldehyde	6.35	77	177094	37.22	ng		88
10) Phenol	6.47	94	375594	48.89	ng		73
11) bis(2-Chloroethyl)ether	6.56	93	262297	40.03	ng	#	80
12) 1,3-Dichlorobenzene	6.75	146	309661	39.54	ng		97
13) 1,4-Dichlorobenzene	6.83	146	332646	42.17	ng		98
14) 1,2-Dichlorobenzene	6.98	146	268830m	37.47	ng		
15) Benzyl Alcohol	6.96	79	215787	36.91	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	330762	37.36	ng		95
17) 2-Methylphenol	7.07	107	208002	35.14	ng		99
18) Hexachloroethane	7.32	117	81042	28.95	ng	#	83
19) n-Nitroso-di-n-propylamine	7.23	70	159420	33.34	ng		93
20) 3+4-Methylphenols	7.23	107	254929	36.91	ng	#	83
22) Acetophenone	7.23	105	370576	40.21	ng	#	93
24) Nitrobenzene	7.40	77	301879	44.13	ng		98
25) Isophorone	7.64	82	510115	38.99	ng		97
26) 2-Nitrophenol	7.71	139	82655	22.55	ng		98
27) 2,4-Dimethylphenol	7.76	122	223411	33.11	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	339529	41.85	ng		99
29) 2,4-Dichlorophenol	7.96	162	225041	39.95	ng		93
30) 1,2,4-Trichlorobenzene	8.04	180	232728	37.94	ng		99
31) Naphthalene	8.12	128	759390	37.21	ng		100
32) Benzoic acid	7.85	122	96368m	25.94	ng		
33) 4-Chloroaniline	8.17	127	301753	33.11	ng		98
34) Hexachlorobutadiene	8.25	225	122989	38.02	ng		98
35) Caprolactam	8.55	113	65182	34.93	ng		88
36) 4-Chloro-3-methylphenol	8.66	107	195855	32.51	ng	#	79
37) 2-Methylnaphthalene	8.81	142	457120	33.98	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	225228	57.40	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	11791	4.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	123635	37.21	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	125489	36.30	ng	#	92
45) 1,1'-Biphenyl	9.28	154	612398	49.76	ng		97
46) 2-Chloronaphthalene	9.30	162	452257	42.06	ng		96
47) 2-Nitroaniline	9.39	65	120834	38.10	ng		94
48) Acenaphthylene	9.71	152	669497	39.15	ng		99
49) Dimethylphthalate	9.58	163	476444	39.59	ng		99
50) 2,6-Dinitrotoluene	9.63	165	87634	31.79	ng	#	52
51) Acenaphthene	9.88	154	379836	35.60	ng		99
52) 3-Nitroaniline	9.80	138	132029	41.51	ng		93
53) 2,4-Dinitrophenol	9.91	184	1812	4.57	ng		90
54) Dibenzofuran	10.06	168	598688	40.75	ng		94
55) 4-Nitrophenol	9.96	139	76392	30.95	ng	#	79
56) 2,4-Dinitrotoluene	10.03	165	98455	27.79	ng	#	61
57) Fluorene	10.40	166	445763	44.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	85824	31.59	ng	#	53
59) Diethylphthalate	10.27	149	474066	38.91	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	182470	37.35	ng		96
61) 4-Nitroaniline	10.41	138	105634	35.01	ng		96
62) Azobenzene	10.55	77	402749	33.43	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	3795	4.48	ng	#	66
65) n-Nitrosodiphenylamine	10.51	169	396514	47.65	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	123517	45.91	ng		96
67) Hexachlorobenzene	10.95	284	117471	42.03	ng	#	71
68) Atrazine	11.04	200	102210	40.57	ng		98
69) Pentachlorophenol	11.13	266	48666	33.03	ng		96
70) Phenanthrene	11.35	178	535354	40.68	ng		100
71) Anthracene	11.40	178	560258	42.21	ng		99
72) Carbazole	11.55	167	480467	38.68	ng		99
73) Di-n-butylphthalate	11.90	149	689640	43.86	ng		99
74) Fluoranthene	12.54	202	510446	36.76	ng		98
76) Benzidine	12.66	184	306840	55.46	ng		99
77) Pyrene	12.77	202	531174	35.82	ng		99
79) Butylbenzylphthalate	13.38	149	236107	36.02	ng	#	81
80) Benzo(a)anthracene	13.94	228	455868	40.03	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	152032	49.65	ng	#	94
82) Chrysene	13.98	228	452410	42.23	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	348952	43.73	ng		99
84) Di-n-octyl phthalate	14.56	149	673404	51.93	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	353595	35.53	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	517319m	45.33	ng		
88) Benzo(k)fluoranthene	14.99	252	274456m	31.88	ng		
89) Benzo(a)pyrene	15.30	252	357304	38.70	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	298480	34.81	ng		97
91) Benzo(g,h,i)perylene	17.13	276	291283	33.02	ng		99

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

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