Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087947.D
Acq On : 12 Jun 2016 14:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
6/13/2016 7:45:24 PM

Quant Time: Jun 13 03:11:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119474	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	484414	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	242867	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	429718	20.00	ng		0.00
75) Chrysene-d12	13.97	240	308758	20.00	ng		0.00
86) Perylene-d12	15.37	264	268997	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	556705	79.66	ng		-0.01
7) Phenol-d6	6.44	99	719398	84.94	ng		0.00
23) Nitrobenzene-d5	7.37	82	630882	76.05	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	176897	68.98	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1202997	77.31	ng		0.00
78) Terphenyl-d14	12.91	244	968303	71.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	133130	39.20	ng	#	36
3) Pyridine	3.05	79	339759	42.37	ng		96
4) n-Nitrosodimethylamine	3.00	42	137085	40.37	ng		86
6) Aniline	6.47	93	489128	40.57	ng		99
8) 2-Chlorophenol	6.58	128	312806	37.81	ng		99
9) Benzaldehyde	6.34	77	197261	36.06	ng		90
10) Phenol	6.46	94	429100	49.31	ng		73
11) bis(2-Chloroethyl)ether	6.55	93	307594	41.42	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	349049	39.33	ng		96
13) 1,4-Dichlorobenzene	6.82	146	365071	40.83	ng		98
14) 1,2-Dichlorobenzene	6.97	146	297320m	36.57	ng		
15) Benzyl Alcohol	6.95	79	233070	35.17	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	391072	38.98	ng		95
17) 2-Methylphenol	7.06	107	272391	40.61	ng		98
18) Hexachloroethane	7.31	117	120884	38.10	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	230645	42.57	ng	#	85
20) 3+4-Methylphenols	7.22	107	275502	35.20	ng	#	79
22) Acetophenone	7.22	105	416176	38.44	ng	#	92
24) Nitrobenzene	7.39	77	357894	44.54	ng		94
25) Isophorone	7.63	82	599738	39.03	ng		99
26) 2-Nitrophenol	7.71	139	187932	43.66	ng	#	71
27) 2,4-Dimethylphenol	7.75	122	308740	38.96	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	409100	42.93	ng		98
29) 2,4-Dichlorophenol	7.95	162	284388	42.98	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	267328	37.10	ng		99
31) Naphthalene	8.11	128	875153	36.51	ng		100
32) Benzoic acid	7.88	122	180202	41.29	ng		93
33) 4-Chloroaniline	8.17	127	448308	41.88	ng	#	91
34) Hexachlorobutadiene	8.24	225	149119	39.24	ng		98
35) Caprolactam	8.55	113	89813	40.98	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	273552	38.66	ng		100
37) 2-Methylnaphthalene	8.81	142	643844	40.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	240819	35.52	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	127310	32.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	188689	38.85	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	188194	37.24	ng	#	94
45) 1,1'-Biphenyl	9.27	154	691092	36.78	ng		99
46) 2-Chloronaphthalene	9.29	162	552409	35.15	ng		100
47) 2-Nitroaniline	9.39	65	195692	42.21	ng	#	79
48) Acenaphthylene	9.71	152	944841	37.80	ng		99
49) Dimethylphthalate	9.58	163	620084	35.25	ng		99
50) 2,6-Dinitrotoluene	9.63	165	137678	34.17	ng	#	61
51) Acenaphthene	9.88	154	600974	38.54	ng		99
52) 3-Nitroaniline	9.80	138	184238	39.63	ng		93
53) 2,4-Dinitrophenol	9.91	184	67709	36.58	ng	#	78
54) Dibenzofuran	10.06	168	849158	39.54	ng		99
55) 4-Nitrophenol	9.96	139	132616	36.75	ng	#	85
56) 2,4-Dinitrotoluene	10.03	165	185698	35.86	ng	#	66
57) Fluorene	10.40	166	569583	38.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	155687	39.21	ng	#	52
59) Diethylphthalate	10.27	149	639854	35.93	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	244964	34.30	ng		99
61) 4-Nitroaniline	10.41	138	181177	41.08	ng		96
62) Azobenzene	10.55	77	684698	38.88	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	103727	39.09	ng	#	72
65) n-Nitrosodiphenylamine	10.51	169	560630	39.32	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	181836	39.44	ng		96
67) Hexachlorobenzene	10.94	284	168623	35.20	ng		98
68) Atrazine	11.04	200	180549	41.82	ng		94
69) Pentachlorophenol	11.13	266	99384	39.36	ng		96
70) Phenanthrene	11.35	178	815021	36.14	ng		99
71) Anthracene	11.40	178	938408	41.26	ng		100
72) Carbazole	11.55	167	839795	39.45	ng		99
73) Di-n-butylphthalate	11.90	149	1002528	37.21	ng		100
74) Fluoranthene	12.54	202	924507	38.85	ng		98
76) Benzidine	12.66	184	374561	43.81	ng		99
77) Pyrene	12.76	202	929587	40.57	ng		100
79) Butylbenzylphthalate	13.39	149	445648	43.99	ng		90
80) Benzo(a)anthracene	13.95	228	648658	36.87	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	215821	45.61	ng		99
82) Chrysene	13.99	228	664941	40.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	514910	41.76	ng	#	98
84) Di-n-octyl phthalate	14.56	149	864504	43.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	624139	40.58	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	612157	32.65	ng	#	97
88) Benzo(k)fluoranthene	15.01	252	607131m	42.93	ng		
89) Benzo(a)pyrene	15.31	252	579663	38.21	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	517137	36.71	ng		98
91) Benzo(g,h,i)perylene	17.15	276	497320	34.32	ng		97

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

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