Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078804.D
Acq On : 29 Apr 2015 6:44
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/29/2015 3:53:52 PM

Quant Time: Apr 29 13:21:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 11:41:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	95906	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	390080	20.00	ng		0.00
38) Acenaphthene-d10	11.15	164	187354	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	352393	20.00	ng		0.00
75) Chrysene-d12	16.31	240	456180	20.00	ng		0.00
86) Perylene-d12	18.09	264	457337	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	407957	78.13	ng		0.01
7) Phenol-d6	6.94	99	556203	79.76	ng		0.00
23) Nitrobenzene-d5	8.08	82	503817	92.99	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	152221	83.68	ng		0.00
44) 2-Fluorobiphenyl	10.32	172	1024481	74.88	ng		0.00
78) Terphenyl-d14	14.99	244	1061192	55.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	94495	39.44	ng	#	18
3) Pyridine	3.16	79	278650	39.39	ng		92
4) n-Nitrosodimethylamine	3.07	42	108907	34.26	ng		94
6) Aniline	6.98	93	405003	39.76	ng		99
8) 2-Chlorophenol	7.12	128	241609	40.25	ng		98
9) Benzaldehyde	6.84	77	200964	39.93	ng		94
10) Phenol	6.95	94	306900	37.23	ng		95
11) bis(2-Chloroethyl)ether	7.07	93	226459	37.15	ng		96
12) 1,3-Dichlorobenzene	7.31	146	264111	37.90	ng		99
13) 1,4-Dichlorobenzene	7.42	146	273517	38.33	ng		97
14) 1,2-Dichlorobenzene	7.60	146	282582	42.39	ng		98
15) Benzyl Alcohol	7.56	79	195854	37.69	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.75	45	366824	38.49	ng		99
17) 2-Methylphenol	7.70	107	187504	38.59	ng		97
18) Hexachloroethane	8.02	117	95351	40.46	ng		96
19) n-Nitroso-di-n-propylamine	7.91	70	197935	40.68	ng	#	91
20) 3+4-Methylphenols	7.90	107	257426	40.67	ng		90
22) Acetophenone	7.90	105	340249	39.37	ng	#	93
24) Nitrobenzene	8.10	77	250348	43.15	ng		96
25) Isophorone	8.41	82	504532	41.19	ng	#	93
26) 2-Nitrophenol	8.50	139	102691	59.53	ng		95
27) 2,4-Dimethylphenol	8.56	122	210279	38.70	ng		95
28) bis(2-Chloroethoxy)methane	8.68	93	307031	40.60	ng		99
29) 2,4-Dichlorophenol	8.79	162	234874m	50.57	ng		
30) 1,2,4-Trichlorobenzene	8.90	180	208251	39.05	ng		95
31) Naphthalene	8.99	128	693808	37.47	ng		100
32) Benzoic acid	8.65	122	113124	68.60	ng		95
33) 4-Chloroaniline	9.06	127	294156	37.75	ng		96
34) Hexachlorobutadiene	9.15	225	119913	39.85	ng		97
35) Caprolactam	9.51	113	66430	44.92	ng		95
36) 4-Chloro-3-methylphenol	9.67	107	204786	42.00	ng		86
37) 2-Methylnaphthalene	9.86	142	491544	39.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.07	216	200013	37.68	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	102342	45.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	138437	42.80	ng		97
43) 2,4,5-Trichlorophenol	10.25	196	134069	38.94	ng	#	87
45) 1,1'-Biphenyl	10.44	154	630104	41.91	ng		90
46) 2-Chloronaphthalene	10.46	162	426217	36.27	ng		98
47) 2-Nitroaniline	10.58	65	143591	55.95	ng		91
48) Acenaphthylene	10.97	152	721627	37.53	ng		100
49) Dimethylphthalate	10.82	163	501062	37.62	ng		98
50) 2,6-Dinitrotoluene	10.89	165	106497	49.08	ng		88
51) Acenaphthene	11.19	154	435500	38.57	ng		98
52) 3-Nitroaniline	11.10	138	127013	45.12	ng		86
53) 2,4-Dinitrophenol	11.23	184	23416	69.88	ng		96
54) Dibenzofuran	11.40	168	667322	40.28	ng		95
55) 4-Nitrophenol	11.29	139	85382m	41.25	ng		
56) 2,4-Dinitrotoluene	11.39	165	143064	53.02	ng	#	78
57) Fluorene	11.83	166	499025	37.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.55	232	109300	42.40	ng	#	100
59) Diethylphthalate	11.70	149	526345	39.71	ng		98
60) 4-Chlorophenyl-phenylether	11.84	204	227998	38.69	ng		97
61) 4-Nitroaniline	11.85	138	122646	43.01	ng		94
62) Azobenzene	12.03	77	532477	39.40	ng		97
64) 4,6-Dinitro-2-methylphenol	11.90	198	43431	65.89	ng	#	71
65) n-Nitrosodiphenylamine	11.99	169	455112	39.95	ng		99
66) 4-Bromophenyl-phenylether	12.45	248	142692	40.12	ng	#	91
67) Hexachlorobenzene	12.51	284	141032	35.00	ng		92
68) Atrazine	12.65	200	133437	43.73	ng		98
69) Pentachlorophenol	12.75	266	91078	51.64	ng		96
70) Phenanthrene	13.03	178	731839	38.36	ng		99
71) Anthracene	13.10	178	732058	39.24	ng		99
72) Carbazole	13.29	167	691858	39.28	ng		99
73) Di-n-butylphthalate	13.75	149	918134m	44.99	ng		
74) Fluoranthene	14.51	202	781161	41.05	ng		93
76) Benzidine	14.69	184	588381	39.85	ng		99
77) Pyrene	14.79	202	726400	27.25	ng		99
79) Butylbenzylphthalate	15.61	149	1765476	172.73	ng	#	86
80) Benzo(a)anthracene	16.29	228	3369845	137.68	ng		95
81) 3,3'-Dichlorobenzidine	16.27	252	1173647	140.88	ng		96
82) Chrysene	16.34	228	2597012	108.85	ng		96
83) Bis(2-ethylhexyl)phthalate	16.34	149	2134401	130.09	ng		100
84) Di-n-octyl phthalate	17.17	149	3879539	131.57	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.66	276	4239145	156.63	ng	#	100
87) Benzo(b)fluoranthene	17.63	252	3525994	142.43	ng		95
88) Benzo(k)fluoranthene	17.68	252	2855606	119.03	ng		96
89) Benzo(a)pyrene	18.05	252	3184605	143.77	ng	#	94
90) Dibenzo(a,h)anthracene	19.69	278	3331863	145.24	ng		96
91) Benzo(g,h,i)perylene	20.13	276	3404369	147.85	ng		95

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

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