Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078541.D
Acq On : 15 Apr 2015 17:47
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/16/2015 3:27:12 PM

Quant Time: Apr 16 01:38:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 01:25:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	25761	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	108937	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	54175	20.00	ng		0.00
63) Phenanthrene-d10	12.27	188	105743	20.00	ng		0.00
75) Chrysene-d12	15.53	240	107624	20.00	ng		0.00
86) Perylene-d12	17.30	264	104181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	132112	84.56	ng		0.00
7) Phenol-d6	6.31	99	164276	83.90	ng		0.00
23) Nitrobenzene-d5	7.42	82	146170	81.33	ng		0.00
41) 2,4,6-Tribromophenol	11.43	330	39462	87.83	ng		0.00
44) 2-Fluorobiphenyl	9.64	172	311619	82.22	ng		0.00
78) Terphenyl-d14	14.26	244	379727	79.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.48	88	24565	34.77	ng		94
3) Pyridine	2.02	79	84298	45.55	ng		95
4) n-Nitrosodimethylamine	1.98	42	27360	38.41	ng		98
6) Aniline	6.30	93	118210	42.57	ng	#	88
8) 2-Chlorophenol	6.43	128	75361	40.79	ng		90
9) Benzaldehyde	6.15	77	35932	27.69	ng		95
10) Phenol	6.33	94	97868	41.71	ng		100
11) bis(2-Chloroethyl)ether	6.41	93	65995	39.11	ng		90
12) 1,3-Dichlorobenzene	6.63	146	83305	41.05	ng		95
13) 1,4-Dichlorobenzene	6.73	146	85341	41.78	ng		97
14) 1,2-Dichlorobenzene	6.91	146	79012	41.25	ng		96
15) Benzyl Alcohol	6.91	79	62308	45.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	88011	39.11	ng		86
17) 2-Methylphenol	7.08	107	60214	41.98	ng		96
18) Hexachloroethane	7.32	117	28361	41.17	ng	#	76
19) n-Nitroso-di-n-propylamine	7.26	70	54553	42.23	ng		91
20) 3+4-Methylphenols	7.28	107	80926	42.29	ng		98
22) Acetophenone	7.23	105	104555	41.19	ng	#	89
24) Nitrobenzene	7.44	77	79498	42.31	ng	#	86
25) Isophorone	7.75	82	148313	43.48	ng		96
26) 2-Nitrophenol	7.84	139	36828	41.13	ng		98
27) 2,4-Dimethylphenol	7.93	122	69100	41.50	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	90010	41.15	ng		99
29) 2,4-Dichlorophenol	8.15	162	63924	42.20	ng		97
30) 1,2,4-Trichlorobenzene	8.23	180	66752	38.44	ng		97
31) Naphthalene	8.32	128	228829	40.36	ng		99
32) Benzoic acid	8.07	122	37263	47.64	ng		93
33) 4-Chloroaniline	8.41	127	97841	41.58	ng		99
34) Hexachlorobutadiene	8.48	225	39077	40.98	ng		97
35) Caprolactam	8.84	113	20234	44.75	ng		98
36) 4-Chloro-3-methylphenol	9.04	107	67369	44.08	ng		96
37) 2-Methylnaphthalene	9.18	142	153986	40.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	68040	40.53	ng		98
40) Hexachlorocyclopentadiene	9.37	237	22796	35.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	45160	42.66	ng		100
43) 2,4,5-Trichlorophenol	9.59	196	48261	43.64	ng	#	92
45) 1,1'-Biphenyl	9.76	154	178564	40.30	ng		99
46) 2-Chloronaphthalene	9.77	162	142289	40.81	ng		99
47) 2-Nitroaniline	9.92	65	42132	48.84	ng	#	80
48) Acenaphthylene	10.27	152	236281	41.97	ng		100
49) Dimethylphthalate	10.17	163	168785	41.47	ng	#	96
50) 2,6-Dinitrotoluene	10.24	165	36284	43.33	ng		97
51) Acenaphthene	10.49	154	131011	41.33	ng		99
52) 3-Nitroaniline	10.43	138	43480	45.66	ng		85
53) 2,4-Dinitrophenol	10.57	184	9372	40.04	ng		97
54) Dibenzofuran	10.71	168	204915	42.32	ng		97
55) 4-Nitrophenol	10.67	139	20004m	30.31	ng		
56) 2,4-Dinitrotoluene	10.73	165	48916	45.10	ng	#	88
57) Fluorene	11.13	166	168645	42.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.87	232	32318	39.42	ng		98
59) Diethylphthalate	11.04	149	168416	42.92	ng		99
60) 4-Chlorophenyl-phenylether	11.14	204	73585	40.76	ng	#	74
61) 4-Nitroaniline	11.18	138	39970	41.53	ng		92
62) Azobenzene	11.34	77	151603	42.33	ng		96
64) 4,6-Dinitro-2-methylphenol	11.22	198	21235	41.80	ng	#	75
65) n-Nitrosodiphenylamine	11.30	169	147835	40.42	ng		98
66) 4-Bromophenyl-phenylether	11.75	248	45407	40.55	ng	#	83
67) Hexachlorobenzene	11.79	284	49106	40.02	ng		97
68) Atrazine	11.98	200	40860	38.57	ng		94
69) Pentachlorophenol	12.06	266	14347	31.57	ng		96
70) Phenanthrene	12.30	178	239931	39.23	ng		99
71) Anthracene	12.37	178	251134	41.67	ng		100
72) Carbazole	12.58	167	241623	42.78	ng		99
73) Di-n-butylphthalate	13.05	149	271249	42.39	ng		99
74) Fluoranthene	13.76	202	270060	41.87	ng		94
76) Benzidine	13.95	184	139672	33.70	ng		100
77) Pyrene	14.03	202	286176	42.36	ng		99
79) Butylbenzylphthalate	14.89	149	119776	46.51	ng		94
80) Benzo(a)anthracene	15.52	228	261489	40.84	ng		99
81) 3,3'-Dichlorobenzidine	15.52	252	91169	42.51	ng	#	99
82) Chrysene	15.57	228	252814	42.02	ng		99
83) Bis(2-ethylhexyl)phthalate	15.63	149	173478	42.95	ng		97
84) Di-n-octyl phthalate	16.45	149	306420	46.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.55	276	285348	41.80	ng	#	87
87) Benzo(b)fluoranthene	16.85	252	297958	46.28	ng	#	97
88) Benzo(k)fluoranthene	16.88	252	202312m	35.36	ng		
89) Benzo(a)pyrene	17.23	252	237210	42.21	ng	#	96
90) Dibenzo(a,h)anthracene	18.58	278	231238	41.10	ng		98
91) Benzo(g,h,i)perylene	18.88	276	231782	41.09	ng		98

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

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