Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
Data File : BF077173.D
Acq On : 3 Feb 2015 21:45
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/4/2015 1:54:49 PM

Quant Time: Feb 04 02:57:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 02:46:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39072	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	166472	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	91492	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	150828	20.00	ng		0.00
75) Chrysene-d12	21.07	240	146856	20.00	ng		0.00
86) Perylene-d12	22.73	264	142956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	187992	79.11	ng		0.00
7) Phenol-d6	7.09	99	232812	77.66	ng		0.00
23) Nitrobenzene-d5	8.99	82	241268	80.29	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	61697	83.08	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	480188	79.87	ng		0.00
78) Terphenyl-d14	19.81	244	532550	83.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.09	88	36973	36.34	ng		91
3) Pyridine	1.53	79	103580	39.34	ng		90
4) n-Nitrosodimethylamine	1.49	42	54945	42.13	ng	#	93
6) Aniline	6.97	93	163956	39.52	ng		98
8) 2-Chlorophenol	7.21	128	107970	39.41	ng		96
9) Benzaldehyde	6.68	77	65508	37.94	ng		98
10) Phenol	7.12	94	117581	36.94	ng		92
11) bis(2-Chloroethyl)ether	7.23	93	95176	38.21	ng	#	79
12) 1,3-Dichlorobenzene	7.53	146	126070	40.45	ng		96
13) 1,4-Dichlorobenzene	7.72	146	129630	39.22	ng		99
14) 1,2-Dichlorobenzene	8.03	146	121424	39.87	ng		97
15) Benzyl Alcohol	8.13	79	96571	39.81	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.48	45	132816	39.67	ng		98
17) 2-Methylphenol	8.49	107	89440	39.95	ng		98
18) Hexachloroethane	8.77	117	47207	41.06	ng		93
19) n-Nitroso-di-n-propylamine	8.77	70	84969	40.49	ng		99
20) 3+4-Methylphenols	8.86	107	106989	36.09	ng		97
22) Acetophenone	8.68	105	164707	40.39	ng		98
24) Nitrobenzene	9.04	77	122699m	40.08	ng		
25) Isophorone	9.63	82	218344	39.90	ng		98
26) 2-Nitrophenol	9.78	139	58139	37.49	ng		96
27) 2,4-Dimethylphenol	10.06	122	92688	39.16	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	128716	41.38	ng		97
29) 2,4-Dichlorophenol	10.37	162	84403	38.26	ng		98
30) 1,2,4-Trichlorobenzene	10.51	180	100385	40.97	ng		99
31) Naphthalene	10.64	128	342034	39.91	ng		100
32) Benzoic acid	10.49	122	28083	21.41	ng		89
33) 4-Chloroaniline	10.90	127	132231	38.18	ng		98
34) Hexachlorobutadiene	11.00	225	59694	41.06	ng		96
35) Caprolactam	11.78	113	24121	37.14	ng	#	88
36) 4-Chloro-3-methylphenol	12.20	107	96846	38.34	ng		98
37) 2-Methylnaphthalene	12.29	142	231473	39.55	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	90134	39.85	ng		97
40) Hexachlorocyclopentadiene	12.68	237	42840	37.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	63614	38.60	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	56743	33.76	ng		95
45) 1,1'-Biphenyl	13.45	154	277539	40.92	ng		97
46) 2-Chloronaphthalene	13.43	162	222740	39.91	ng		98
47) 2-Nitroaniline	13.77	65	67316	39.76	ng		97
48) Acenaphthylene	14.36	152	377605	40.11	ng		98
49) Dimethylphthalate	14.33	163	262380	40.44	ng		98
50) 2,6-Dinitrotoluene	14.42	165	54908	42.36	ng		91
51) Acenaphthene	14.79	154	205750	38.52	ng		95
52) 3-Nitroaniline	14.77	138	60311	36.09	ng		93
53) 2,4-Dinitrophenol	15.06	184	13089	30.11	ng		87
54) Dibenzofuran	15.22	168	308348	39.63	ng		99
55) 4-Nitrophenol	15.39	139	28295	27.82	ng	#	83
56) 2,4-Dinitrotoluene	15.36	165	75908	39.45	ng		96
57) Fluorene	15.97	166	268101	40.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	43952	35.91	ng	#	96
59) Diethylphthalate	15.99	149	270188	41.20	ng		98
60) 4-Chlorophenyl-phenylether	16.08	204	111611	41.38	ng		87
61) 4-Nitroaniline	16.13	138	60871	37.57	ng		94
62) Azobenzene	16.36	77	289327	42.35	ng		98
64) 4,6-Dinitro-2-methylphenol	16.21	198	35244	37.16	ng		95
65) n-Nitrosodiphenylamine	16.33	169	220042	40.92	ng		98
66) 4-Bromophenyl-phenylether	16.93	248	61122	40.00	ng		98
67) Hexachlorobenzene	16.95	284	66889	41.54	ng	#	84
68) Atrazine	17.32	200	68971	42.26	ng		96
69) Pentachlorophenol	17.32	266	19313	30.80	ng		86
70) Phenanthrene	17.60	178	377483	40.13	ng		99
71) Anthracene	17.68	178	371028	40.45	ng		99
72) Carbazole	17.97	167	372204	41.84	ng		100
73) Di-n-butylphthalate	18.57	149	450741	43.77	ng		97
74) Fluoranthene	19.25	202	402477	41.76	ng		99
76) Benzidine	19.51	184	196442	41.80	ng		99
77) Pyrene	19.54	202	428799	42.60	ng		99
79) Butylbenzylphthalate	20.48	149	203840	44.72	ng		90
80) Benzo(a)anthracene	21.06	228	382292	41.49	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	124971	42.68	ng	#	96
82) Chrysene	21.11	228	342189	40.72	ng		98
83) Bis(2-ethylhexyl)phthalate	21.22	149	302236	47.92	ng	#	98
84) Di-n-octyl phthalate	21.99	149	516065	47.15	ng		99
85) Indeno(1,2,3-cd)pyrene	23.85	276	399599	44.87	ng	#	84
87) Benzo(b)fluoranthene	22.32	252	369787	38.41	ng	#	96
88) Benzo(k)fluoranthene	22.35	252	358043m	42.56	ng		
89) Benzo(a)pyrene	22.67	252	341909	40.26	ng		98
90) Dibenzo(a,h)anthracene	23.87	278	315094	40.43	ng		99
91) Benzo(g,h,i)perylene	24.11	276	315463	40.72	ng	#	95

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

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