Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013015\
Data File : BF077146.D
Acq On : 30 Jan 2015 10:42
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
LabSampleId : SSTDCCC040

Quant Time: Feb 02 09:51:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 23:09:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	35599	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	154017	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	82642	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	144032	20.00	ng		0.00
75) Chrysene-d12	21.08	240	143345	20.00	ng		0.00
86) Perylene-d12	22.73	264	125861	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.71	112	175635	81.12	ng		0.00
7) Phenol-d6	7.10	99	218920	80.15	ng		0.00
23) Nitrobenzene-d5	9.00	82	224146	80.63	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	55784	83.16	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	451771	83.19	ng		0.00
78) Terphenyl-d14	19.82	244	524339	84.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	6693m	7.22	ng		
3) Pyridine	1.53	79	81905	34.14	ng		91
4) n-Nitrosodimethylamine	1.50	42	48287	40.63	ng		96
6) Aniline	6.97	93	151945	40.20	ng		96
8) 2-Chlorophenol	7.21	128	102329	41.00	ng		96
9) Benzaldehyde	6.69	77	55129	34.47	ng		96
10) Phenol	7.13	94	114391	39.44	ng		93
11) bis(2-Chloroethyl)ether	7.24	93	94566	41.67	ng	#	73
12) 1,3-Dichlorobenzene	7.52	146	118029	41.56	ng		97
13) 1,4-Dichlorobenzene	7.73	146	120886	40.14	ng		99
14) 1,2-Dichlorobenzene	8.04	146	113675	40.97	ng		98
15) Benzyl Alcohol	8.14	79	94128	42.59	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	126363	41.42	ng		96
17) 2-Methylphenol	8.49	107	81832	40.12	ng		98
18) Hexachloroethane	8.78	117	43656	41.68	ng		97
19) n-Nitroso-di-n-propylamine	8.77	70	78970	41.30	ng		96
20) 3+4-Methylphenols	8.87	107	103635	38.37	ng		98
22) Acetophenone	8.69	105	154617	40.99	ng		95
24) Nitrobenzene	9.04	77	115012	40.61	ng		97
25) Isophorone	9.64	82	205497	40.59	ng		98
26) 2-Nitrophenol	9.77	139	54042	37.66	ng	#	84
27) 2,4-Dimethylphenol	10.06	122	86815	39.64	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	118317	41.12	ng		99
29) 2,4-Dichlorophenol	10.38	162	78942	38.67	ng		97
30) 1,2,4-Trichlorobenzene	10.50	180	95247	42.01	ng		98
31) Naphthalene	10.64	128	316096	39.86	ng		99
32) Benzoic acid	10.48	122	39436m	32.50	ng		
33) 4-Chloroaniline	10.89	127	126342	39.43	ng		99
34) Hexachlorobutadiene	11.01	225	55684	41.40	ng		97
35) Caprolactam	11.79	113	23366	38.88	ng	#	85
36) 4-Chloro-3-methylphenol	12.21	107	92708	39.67	ng		97
37) 2-Methylnaphthalene	12.30	142	219795	40.59	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	86844	42.50	ng		98
40) Hexachlorocyclopentadiene	12.69	237	40570	39.35	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	61226	41.13	ng		94
43) 2,4,5-Trichlorophenol	13.15	196	60903	40.11	ng		96
45) 1,1'-Biphenyl	13.45	154	260542	42.53	ng		99
46) 2-Chloronaphthalene	13.42	162	208293	41.32	ng		96
47) 2-Nitroaniline	13.77	65	66409	43.42	ng		96
48) Acenaphthylene	14.37	152	355237	41.77	ng		99
49) Dimethylphthalate	14.33	163	246690	42.09	ng		97
50) 2,6-Dinitrotoluene	14.43	165	52014	44.42	ng		95
51) Acenaphthene	14.79	154	200601	41.58	ng		98
52) 3-Nitroaniline	14.77	138	58670	38.73	ng		82
53) 2,4-Dinitrophenol	15.05	184	19997	42.80	ng	#	82
54) Dibenzofuran	15.21	168	293221	41.72	ng		98
55) 4-Nitrophenol	15.39	139	31709m	34.52	ng		
56) 2,4-Dinitrotoluene	15.36	165	71887	41.26	ng	#	95
57) Fluorene	15.98	166	248033	41.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.58	232	45190	40.88	ng		95
59) Diethylphthalate	15.99	149	268952	45.41	ng		98
60) 4-Chlorophenyl-phenylether	16.07	204	104414	42.86	ng		93
61) 4-Nitroaniline	16.14	138	58706	40.02	ng		97
62) Azobenzene	16.37	77	268059	43.43	ng		99
64) 4,6-Dinitro-2-methylphenol	16.21	198	30730	34.22	ng		75
65) n-Nitrosodiphenylamine	16.32	169	206975	40.30	ng		96
66) 4-Bromophenyl-phenylether	16.94	248	62182	42.61	ng		89
67) Hexachlorobenzene	16.95	284	64933	42.23	ng		97
68) Atrazine	17.33	200	62952	40.39	ng		97
69) Pentachlorophenol	17.33	266	20308	33.22	ng		97
70) Phenanthrene	17.60	178	353372	39.34	ng		98
71) Anthracene	17.68	178	361221	41.24	ng		98
72) Carbazole	17.98	167	351916	41.42	ng		98
73) Di-n-butylphthalate	18.57	149	451224	45.89	ng		99
74) Fluoranthene	19.26	202	390004	42.37	ng		97
76) Benzidine	19.50	184	216313	47.16	ng		99
77) Pyrene	19.53	202	386620	39.35	ng		99
79) Butylbenzylphthalate	20.48	149	204549	45.97	ng		97
80) Benzo(a)anthracene	21.07	228	362463	40.30	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	119282	41.73	ng		100
82) Chrysene	21.11	228	329515	40.18	ng		98
83) Bis(2-ethylhexyl)phthalate	21.23	149	289831	47.08	ng		99
84) Di-n-octyl phthalate	21.99	149	510114	47.75	ng		99
85) Indeno(1,2,3-cd)pyrene	23.85	276	357931	41.18	ng	#	83
87) Benzo(b)fluoranthene	22.32	252	360263	42.50	ng	#	94
88) Benzo(k)fluoranthene	22.35	252	295299m	39.87	ng		
89) Benzo(a)pyrene	22.67	252	305375	40.84	ng	#	97
90) Dibenzo(a,h)anthracene	23.88	278	293988	42.85	ng		99
91) Benzo(g,h,i)perylene	24.12	276	285602	41.87	ng	#	92

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

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