Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077161.D
Acq On : 3 Feb 2015 12:14
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
2/4/2015 1:50:25 PM

Quant Time: Feb 04 12:40:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 23:50:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	37815	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	162282	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	89393	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	148815	20.00	ng		0.00
75) Chrysene-d12	21.07	240	146494	20.00	ng		0.00
86) Perylene-d12	22.72	264	132539	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	174880	76.04	ng		0.00
7) Phenol-d6	7.09	99	222948	76.84	ng		0.00
23) Nitrobenzene-d5	8.99	82	231323	78.97	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	56890	78.40	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	480661	81.83	ng		0.00
78) Terphenyl-d14	19.81	244	532456	83.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.09	88	34982	35.52	ng		95
3) Pyridine	1.52	79	103264	40.52	ng		94
4) n-Nitrosodimethylamine	1.49	42	51620	40.89	ng		99
6) Aniline	6.97	93	155948	38.84	ng		97
8) 2-Chlorophenol	7.21	128	104423	39.38	ng		97
9) Benzaldehyde	6.68	77	63369	37.92	ng		98
10) Phenol	7.12	94	114750	37.25	ng		89
11) bis(2-Chloroethyl)ether	7.23	93	95657	39.68	ng	#	76
12) 1,3-Dichlorobenzene	7.53	146	121695	40.34	ng		95
13) 1,4-Dichlorobenzene	7.72	146	125313	39.17	ng		100
14) 1,2-Dichlorobenzene	8.03	146	118888	40.34	ng		98
15) Benzyl Alcohol	8.13	79	95861	40.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	133801	41.29	ng		97
17) 2-Methylphenol	8.48	107	83249	38.42	ng		94
18) Hexachloroethane	8.77	117	46258	41.58	ng		99
19) n-Nitroso-di-n-propylamine	8.77	70	81261	40.01	ng		96
20) 3+4-Methylphenols	8.86	107	103933	36.23	ng		94
22) Acetophenone	8.68	105	160347	40.34	ng		98
24) Nitrobenzene	9.04	77	114757	38.46	ng		98
25) Isophorone	9.63	82	210399	39.44	ng		99
26) 2-Nitrophenol	9.78	139	51175	34.02	ng	#	88
27) 2,4-Dimethylphenol	10.05	122	91530	39.67	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	123500	40.73	ng		97
29) 2,4-Dichlorophenol	10.37	162	79469	36.95	ng		96
30) 1,2,4-Trichlorobenzene	10.51	180	95495	39.98	ng		96
31) Naphthalene	10.64	128	326403	39.07	ng		98
32) Benzoic acid	10.48	122	42018m	32.87	ng		
33) 4-Chloroaniline	10.90	127	129880	38.47	ng		97
34) Hexachlorobutadiene	11.00	225	58010	40.93	ng		99
35) Caprolactam	11.78	113	23503	37.12	ng	#	83
36) 4-Chloro-3-methylphenol	12.20	107	96197	39.07	ng		99
37) 2-Methylnaphthalene	12.29	142	227253	39.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	86862	39.30	ng		98
40) Hexachlorocyclopentadiene	12.68	237	43687	39.20	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 23:50:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	60839	37.78	ng		95
43) 2,4,5-Trichlorophenol	13.14	196	56438	34.36	ng		96
45) 1,1'-Biphenyl	13.45	154	272060	41.05	ng		99
46) 2-Chloronaphthalene	13.43	162	218987	40.16	ng		97
47) 2-Nitroaniline	13.77	65	64339	38.89	ng		97
48) Acenaphthylene	14.36	152	366845	39.88	ng		99
49) Dimethylphthalate	14.33	163	259498	40.93	ng		97
50) 2,6-Dinitrotoluene	14.42	165	53438	42.19	ng		89
51) Acenaphthene	14.79	154	206470	39.56	ng		97
52) 3-Nitroaniline	14.77	138	58325	35.74	ng		87
53) 2,4-Dinitrophenol	15.06	184	16721m	35.75	ng		
54) Dibenzofuran	15.22	168	301353	39.64	ng		99
55) 4-Nitrophenol	15.38	139	31709m	31.91	ng		
56) 2,4-Dinitrotoluene	15.36	165	72938	38.83	ng		91
57) Fluorene	15.97	166	256570	39.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	41791	34.95	ng		95
59) Diethylphthalate	15.99	149	271141	42.32	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	105296	39.96	ng		97
61) 4-Nitroaniline	16.13	138	58054	36.71	ng		94
62) Azobenzene	16.36	77	277432	41.56	ng		97
64) 4,6-Dinitro-2-methylphenol	16.20	198	33351	35.78	ng	#	67
65) n-Nitrosodiphenylamine	16.33	169	219437	41.35	ng		98
66) 4-Bromophenyl-phenylether	16.93	248	61766	40.97	ng		96
67) Hexachlorobenzene	16.95	284	66152	41.64	ng	#	86
68) Atrazine	17.32	200	66474	41.28	ng		98
69) Pentachlorophenol	17.32	266	20576	32.71	ng		91
70) Phenanthrene	17.60	178	369215	39.78	ng		100
71) Anthracene	17.68	178	369115	40.79	ng		99
72) Carbazole	17.97	167	360878	41.11	ng		99
73) Di-n-butylphthalate	18.57	149	451021	44.39	ng	#	98
74) Fluoranthene	19.25	202	400408	42.11	ng		98
76) Benzidine	19.49	184	200015	42.67	ng		99
77) Pyrene	19.54	202	419426	41.78	ng		98
79) Butylbenzylphthalate	20.48	149	208347	45.82	ng		95
80) Benzo(a)anthracene	21.06	228	374883	40.79	ng		100
81) 3,3'-Dichlorobenzidine	21.08	252	120823	41.37	ng	#	94
82) Chrysene	21.11	228	339684	40.53	ng		99
83) Bis(2-ethylhexyl)phthalate	21.22	149	297084	47.22	ng		98
84) Di-n-octyl phthalate	21.99	149	519410	47.57	ng		99
85) Indeno(1,2,3-cd)pyrene	23.83	276	363454	40.92	ng	#	83
87) Benzo(b)fluoranthene	22.31	252	380306	42.60	ng		99
88) Benzo(k)fluoranthene	22.34	252	294624m	37.78	ng		
89) Benzo(a)pyrene	22.66	252	316743	40.23	ng	#	96
90) Dibenzo(a,h)anthracene	23.85	278	301004	41.66	ng	#	95
91) Benzo(g,h,i)perylene	24.10	276	296820	41.33	ng		97

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

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