Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076961.D
Acq On : 20 Jan 2015 14:19
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
tejaskumar
1/21/2015 5:29:42 PM

Quant Time: Jan 20 23:58:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 23:48:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	40907	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	176643	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	95405	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	163916	20.00	ng		0.00
75) Chrysene-d12	21.24	240	154804	20.00	ng		0.00
86) Perylene-d12	22.94	264	138338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	210799	84.73	ng		0.00
7) Phenol-d6	7.32	99	264708	84.34	ng		0.00
23) Nitrobenzene-d5	9.21	82	267043	83.75	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	69181	89.33	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	528152	84.25	ng		0.00
78) Terphenyl-d14	19.97	244	577963	85.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.24	88	39241	36.83	ng		94
3) Pyridine	1.70	79	123681	44.87	ng		91
4) n-Nitrosodimethylamine	1.67	42	53526	39.20	ng		96
6) Aniline	7.20	93	183905	42.34	ng		97
8) 2-Chlorophenol	7.44	128	121588	42.39	ng		95
9) Benzaldehyde	6.92	77	66297	36.41	ng		96
10) Phenol	7.35	94	141596	42.48	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	112409	43.10	ng	#	83
12) 1,3-Dichlorobenzene	7.76	146	139118	42.63	ng		94
13) 1,4-Dichlorobenzene	7.96	146	146927	42.46	ng		98
14) 1,2-Dichlorobenzene	8.26	146	134742	42.26	ng		98
15) Benzyl Alcohol	8.34	79	111258	43.81	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	148837	42.46	ng		92
17) 2-Methylphenol	8.70	107	99632	42.50	ng		96
18) Hexachloroethane	9.02	117	52072	43.26	ng		91
19) n-Nitroso-di-n-propylamine	8.98	70	90593	41.23	ng		99
20) 3+4-Methylphenols	9.08	107	130656	42.10	ng		96
22) Acetophenone	8.90	105	184058	42.54	ng		96
24) Nitrobenzene	9.26	77	137223	42.25	ng		99
25) Isophorone	9.85	82	243228	41.89	ng		98
26) 2-Nitrophenol	9.99	139	67393	40.79	ng	#	83
27) 2,4-Dimethylphenol	10.28	122	106698	42.48	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	141196	42.78	ng		99
29) 2,4-Dichlorophenol	10.60	162	102727	43.88	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	113026	43.47	ng		94
31) Naphthalene	10.87	128	380224	41.81	ng		98
32) Benzoic acid	10.64	122	65606m	47.15	ng		
33) 4-Chloroaniline	11.11	127	157278	42.80	ng		96
34) Hexachlorobutadiene	11.24	225	66104	42.85	ng		99
35) Caprolactam	11.99	113	31423	45.59	ng	#	86
36) 4-Chloro-3-methylphenol	12.41	107	112885	42.12	ng		98
37) 2-Methylnaphthalene	12.53	142	259728	41.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	99110	42.02	ng		97
40) Hexachlorocyclopentadiene	12.92	237	49622	41.42	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 23:48:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	74131	43.13	ng		96
43) 2,4,5-Trichlorophenol	13.36	196	78680	44.89	ng		98
45) 1,1'-Biphenyl	13.68	154	306248	43.30	ng		100
46) 2-Chloronaphthalene	13.66	162	244862	42.07	ng		98
47) 2-Nitroaniline	14.00	65	81123	45.95	ng		88
48) Acenaphthylene	14.61	152	420436	42.83	ng		98
49) Dimethylphthalate	14.55	163	286979	42.42	ng	#	96
50) 2,6-Dinitrotoluene	14.65	165	60058	44.43	ng		92
51) Acenaphthene	15.03	154	231898	41.63	ng		94
52) 3-Nitroaniline	15.00	138	71289	40.67	ng		86
53) 2,4-Dinitrophenol	15.27	184	22323	41.77	ng		95
54) Dibenzofuran	15.45	168	342650	42.23	ng		99
55) 4-Nitrophenol	15.58	139	48045	45.30	ng		95
56) 2,4-Dinitrotoluene	15.58	165	84756	42.10	ng		93
57) Fluorene	16.17	166	289709	42.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.80	232	59711	46.78	ng	#	99
59) Diethylphthalate	16.17	149	297489	43.50	ng		99
60) 4-Chlorophenyl-phenylether	16.27	204	121706	43.27	ng		95
61) 4-Nitroaniline	16.32	138	69344	40.91	ng		99
62) Azobenzene	16.55	77	318225	44.67	ng		98
64) 4,6-Dinitro-2-methylphenol	16.39	198	39976	38.64	ng		92
65) n-Nitrosodiphenylamine	16.51	169	243661	41.69	ng		98
66) 4-Bromophenyl-phenylether	17.11	248	72505	43.66	ng		87
67) Hexachlorobenzene	17.13	284	76934	43.96	ng	#	83
68) Atrazine	17.48	200	78468	44.24	ng		98
69) Pentachlorophenol	17.49	266	32055	43.39	ng		95
70) Phenanthrene	17.77	178	426052	41.68	ng		98
71) Anthracene	17.85	178	409402	41.07	ng		98
72) Carbazole	18.13	167	393714	40.72	ng		98
73) Di-n-butylphthalate	18.72	149	510666	45.63	ng		99
74) Fluoranthene	19.42	202	450646	43.02	ng		96
76) Benzidine	19.65	184	186506	37.65	ng		100
77) Pyrene	19.69	202	444176	41.87	ng		99
79) Butylbenzylphthalate	20.63	149	219843	45.75	ng		98
80) Benzo(a)anthracene	21.23	228	421615	43.41	ng		99
81) 3,3'-Dichlorobenzidine	21.24	252	136356	44.18	ng		94
82) Chrysene	21.27	228	378326	42.71	ng		100
83) Bis(2-ethylhexyl)phthalate	21.37	149	326129	49.06	ng		97
84) Di-n-octyl phthalate	22.15	149	566111	49.06	ng		98
85) Indeno(1,2,3-cd)pyrene	24.11	276	366238	39.02	ng	#	85
87) Benzo(b)fluoranthene	22.51	252	441290	47.36	ng		97
88) Benzo(k)fluoranthene	22.54	252	292804m	35.97	ng		
89) Benzo(a)pyrene	22.87	252	340686	41.45	ng	#	96
90) Dibenzo(a,h)anthracene	24.13	278	287942	38.18	ng	#	95
91) Benzo(g,h,i)perylene	24.40	276	288615	38.50	ng		98

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

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