Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081126.D
Acq On : 20 Aug 2015 16:00
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:20 PM

Quant Time: Aug 21 01:48:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	59371	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	245370	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	120137	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	236518	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	190169	20.00	ng		0.00
86) Perylene-d12	15.04	264	126911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	303797	76.96	ng		-0.01
7) Phenol-d6	6.23	99	436475	84.75	ng		0.00
23) Nitrobenzene-d5	7.16	82	447563	83.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	86254	82.83	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	734952	80.16	ng		-0.01
78) Terphenyl-d14	12.67	244	644697	72.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	73523	39.53	ng		93
3) Pyridine	2.60	79	236096	44.97	ng		88
4) n-Nitrosodimethylamine	2.55	42	120700	41.29	ng	#	81
6) Aniline	6.24	93	300503	40.13	ng	#	38
8) 2-Chlorophenol	6.36	128	179168	41.47	ng		99
9) Benzaldehyde	6.12	77	138683	41.77	ng		97
10) Phenol	6.24	94	270601	44.49	ng		99
11) bis(2-Chloroethyl)ether	6.32	93	184759	39.59	ng		91
12) 1,3-Dichlorobenzene	6.52	146	196584	42.34	ng		96
13) 1,4-Dichlorobenzene	6.60	146	195581	42.55	ng		100
14) 1,2-Dichlorobenzene	6.74	146	163370	37.97	ng		97
15) Benzyl Alcohol	6.73	79	177933	42.70	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	363882	39.68	ng		99
17) 2-Methylphenol	6.85	107	153768	41.48	ng		96
18) Hexachloroethane	7.09	117	75355	40.57	ng		97
19) n-Nitroso-di-n-propylamine	7.01	70	154670	43.35	ng		93
20) 3+4-Methylphenols	7.01	107	187894	39.93	ng	#	63
22) Acetophenone	7.00	105	240765	37.38	ng	#	90
24) Nitrobenzene	7.17	77	208531	37.13	ng		96
25) Isophorone	7.42	82	412333	41.16	ng		96
26) 2-Nitrophenol	7.49	139	103617	44.36	ng	#	73
27) 2,4-Dimethylphenol	7.53	122	158948	38.47	ng		96
28) bis(2-Chloroethoxy)methane	7.64	93	260797	44.07	ng		99
29) 2,4-Dichlorophenol	7.73	162	131532	37.81	ng		88
30) 1,2,4-Trichlorobenzene	7.81	180	141171	36.51	ng		97
31) Naphthalene	7.89	128	558396	40.83	ng		99
32) Benzoic acid	7.67	122	98632	42.44	ng		95
33) 4-Chloroaniline	7.94	127	230334	39.91	ng		93
34) Hexachlorobutadiene	8.01	225	94398	43.18	ng		98
35) Caprolactam	8.33	113	50794	41.78	ng	#	85
36) 4-Chloro-3-methylphenol	8.44	107	168455	40.63	ng		99
37) 2-Methylnaphthalene	8.57	142	323946	37.49	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	151365	39.05	ng		97
40) Hexachlorocyclopentadiene	8.73	237	73909	36.84	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	104356	38.11	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	108857	39.78	ng	#	93
45) 1,1'-Biphenyl	9.04	154	381830	36.08	ng		96
46) 2-Chloronaphthalene	9.06	162	325921	38.34	ng		94
47) 2-Nitroaniline	9.17	65	148992	42.83	ng	#	81
48) Acenaphthylene	9.48	152	590856	38.85	ng		99
49) Dimethylphthalate	9.36	163	385786	38.99	ng	#	98
50) 2,6-Dinitrotoluene	9.41	165	77602	36.53	ng	#	55
51) Acenaphthene	9.65	154	329795	36.22	ng		98
52) 3-Nitroaniline	9.58	138	114350	43.02	ng		86
53) 2,4-Dinitrophenol	9.68	184	41421	40.18	ng	#	71
54) Dibenzofuran	9.82	168	482011	39.51	ng		98
55) 4-Nitrophenol	9.75	139	77974	41.76	ng	#	54
56) 2,4-Dinitrotoluene	9.81	165	95451	33.90	ng	#	65
57) Fluorene	10.16	166	355823	37.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	79160m	37.37	ng		
59) Diethylphthalate	10.05	149	376723	35.97	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	152010	38.28	ng	#	78
61) 4-Nitroaniline	10.18	138	93450	34.39	ng		91
62) Azobenzene	10.31	77	446058	36.96	ng		97
64) 4,6-Dinitro-2-methylphenol	10.22	198	62153	44.00	ng	#	64
65) n-Nitrosodiphenylamine	10.28	169	314752	37.28	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	95576	41.13	ng	#	86
67) Hexachlorobenzene	10.70	284	89394	37.99	ng	#	86
68) Atrazine	10.81	200	105529	44.86	ng		99
69) Pentachlorophenol	10.89	266	55418	39.25	ng		100
70) Phenanthrene	11.11	178	561648	40.07	ng		98
71) Anthracene	11.16	178	493475	36.18	ng		99
72) Carbazole	11.32	167	469376	35.74	ng		99
73) Di-n-butylphthalate	11.66	149	625984	39.39	ng		98
74) Fluoranthene	12.29	202	619166	40.93	ng		97
76) Benzidine	12.41	184	242268	33.72	ng		99
77) Pyrene	12.51	202	562675	36.40	ng		99
79) Butylbenzylphthalate	13.15	149	268521	40.41	ng	#	70
80) Benzo(a)anthracene	13.69	228	498589	39.09	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	158148	38.28	ng	#	94
82) Chrysene	13.73	228	371070	32.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	375053	44.06	ng	#	98
84) Di-n-octyl phthalate	14.32	149	615424	47.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.24	276	313621	38.86	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	425133m	47.36	ng		
88) Benzo(k)fluoranthene	14.71	252	292506m	34.97	ng		
89) Benzo(a)pyrene	14.99	252	305404	39.04	ng	#	95
90) Dibenzo(a,h)anthracene	16.25	278	254528	41.76	ng	#	92
91) Benzo(g,h,i)perylene	16.61	276	259918	42.04	ng	#	96

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

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