Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081662.D
Acq On : 17 Sep 2015 2:24
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 07:21:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56974	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	226767	20.00	ng		-0.03
38) Acenaphthene-d10	15.22	164	108919	20.00	ng		-0.03
63) Phenanthrene-d10	18.72	188	226347	20.00	ng		-0.03
75) Chrysene-d12	23.36	240	182304	20.00	ng		-0.02
86) Perylene-d12	24.79	264	123945	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	283159	77.11	ng		-0.02
7) Phenol-d6	7.61	99	390179	80.27	ng		-0.03
23) Nitrobenzene-d5	9.50	82	388342	82.62	ng		-0.03
41) 2,4,6-Tribromophenol	17.13	330	79918	82.41	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	691508	81.36	ng		-0.03
78) Terphenyl-d14	22.08	244	679595	86.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.53	88	102519	62.16	ng	#	64
3) Pyridine	2.05	79	159754	35.13	ng	#	79
4) n-Nitrosodimethylamine	2.02	42	115605	45.76	ng	#	61
6) Aniline	7.50	93	266526	38.83	ng	#	85
8) 2-Chlorophenol	7.74	128	159998	39.54	ng	#	78
9) Benzaldehyde	7.21	77	104257	34.23	ng	#	74
10) Phenol	7.65	94	210329	37.31	ng	#	57
11) bis(2-Chloroethyl)ether	7.73	93	162529	39.96	ng	#	65
12) 1,3-Dichlorobenzene	8.05	146	169825	39.28	ng	#	91
13) 1,4-Dichlorobenzene	8.23	146	173640	39.44	ng	#	91
14) 1,2-Dichlorobenzene	8.55	146	163829	41.33	ng	#	90
15) Benzyl Alcohol	8.64	79	162432	40.74	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.95	45	333553	42.79	ng		92
17) 2-Methylphenol	8.97	107	131698	40.79	ng	#	77
18) Hexachloroethane	9.28	117	70932	41.42	ng	#	88
19) n-Nitroso-di-n-propylamine	9.27	70	140631	42.51	ng	#	88
20) 3+4-Methylphenols	9.36	107	171547	39.41	ng	#	87
22) Acetophenone	9.19	105	241682	39.02	ng	#	73
24) Nitrobenzene	9.54	77	205633	42.13	ng	#	64
25) Isophorone	10.14	82	358554	41.01	ng	#	85
26) 2-Nitrophenol	10.26	139	83986	39.48	ng	#	27
27) 2,4-Dimethylphenol	10.54	122	143396	39.03	ng	#	75
28) bis(2-Chloroethoxy)methane	10.73	93	206965	40.98	ng	#	92
29) 2,4-Dichlorophenol	10.88	162	126301	39.64	ng		94
30) 1,2,4-Trichlorobenzene	10.99	180	142252	41.10	ng		97
31) Naphthalene	11.14	128	486524	40.23	ng		99
32) Benzoic acid	11.06	122	64809	25.94	ng	#	54
33) 4-Chloroaniline	11.38	127	201652	40.88	ng	#	84
34) Hexachlorobutadiene	11.50	225	92520	43.92	ng		96
35) Caprolactam	12.36	113	40949m	41.90	ng		
36) 4-Chloro-3-methylphenol	12.70	107	155333	43.55	ng	#	78
37) 2-Methylnaphthalene	12.79	142	320906	40.78	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	138301	40.15	ng		99
40) Hexachlorocyclopentadiene	13.18	237	48607	28.75	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.54	196	95535	40.19	ng		97
43) 2,4,5-Trichlorophenol	13.65	196	95905	39.54	ng	#	88
45) 1,1'-Biphenyl	13.94	154	385310	38.45	ng		96
46) 2-Chloronaphthalene	13.92	162	286424	39.58	ng	#	87
47) 2-Nitroaniline	14.28	65	124188	42.11	ng	#	59
48) Acenaphthylene	14.88	152	499242	38.89	ng		98
49) Dimethylphthalate	14.82	163	353722	41.80	ng	#	96
50) 2,6-Dinitrotoluene	14.92	165	71293	37.12	ng	#	25
51) Acenaphthene	15.30	154	284993	39.02	ng		89
52) 3-Nitroaniline	15.28	138	85103	38.92	ng	#	53
53) 2,4-Dinitrophenol	15.57	184	31895	36.53	ng	#	28
54) Dibenzofuran	15.73	168	421269	39.50	ng	#	86
55) 4-Nitrophenol	15.90	139	48106	35.02	ng	#	19
56) 2,4-Dinitrotoluene	15.86	165	101486	41.50	ng	#	53
57) Fluorene	16.54	166	345792	42.73	ng		94
58) 2,3,4,6-Tetrachlorophenol	16.09	232	72795m	39.31	ng		
59) Diethylphthalate	16.52	149	383283	43.06	ng		97
60) 4-Chlorophenyl-phenylether	16.63	204	167289	44.35	ng	#	85
61) 4-Nitroaniline	16.74	138	83975	38.01	ng	#	18
62) Azobenzene	17.00	77	422731	42.71	ng		83
64) 4,6-Dinitro-2-methylphenol	16.84	198	50676	40.03	ng		87
65) n-Nitrosodiphenylamine	16.95	169	309261	37.55	ng		92
66) 4-Bromophenyl-phenylether	17.77	248	92343	40.35	ng		92
67) Hexachlorobenzene	17.82	284	95567	39.94	ng	#	81
68) Atrazine	18.36	200	94699	39.73	ng	#	79
69) Pentachlorophenol	18.37	266	35713	36.05	ng		98
70) Phenanthrene	18.78	178	500405	39.77	ng		97
71) Anthracene	18.90	178	501239	38.77	ng		98
72) Carbazole	19.38	167	468025	38.58	ng		97
73) Di-n-butylphthalate	20.44	149	640587	44.72	ng	#	98
74) Fluoranthene	21.41	202	552434	40.55	ng		87
76) Benzidine	21.72	184	252785	32.30	ng		97
77) Pyrene	21.75	202	539776	39.97	ng		98
79) Butylbenzylphthalate	22.78	149	254875	43.40	ng	#	75
80) Benzo(a)anthracene	23.35	228	456428	39.31	ng		97
81) 3,3'-Dichlorobenzidine	23.36	252	153562	39.21	ng	#	92
82) Chrysene	23.40	228	446499	42.90	ng		96
83) Bis(2-ethylhexyl)phthalate	23.48	149	359115	46.33	ng	#	93
84) Di-n-octyl phthalate	24.13	149	560768	43.94	ng		95
85) Indeno(1,2,3-cd)pyrene	25.84	276	303957	39.81	ng	#	84
87) Benzo(b)fluoranthene	24.46	252	398439m	45.03	ng		
88) Benzo(k)fluoranthene	24.48	252	280519m	38.21	ng		
89) Benzo(a)pyrene	24.74	252	287299	38.31	ng	#	87
90) Dibenzo(a,h)anthracene	25.84	278	251455	43.40	ng	#	83
91) Benzo(g,h,i)perylene	26.14	276	237224	42.90	ng	#	73

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

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