Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
Data File : BF082580.D
Acq On : 30 Oct 2015 19:06
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:31:57 PM

Quant Time: Oct 30 22:49:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 23:22:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	228809	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	893871	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	478733	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	909440	20.00	ng		0.00
75) Chrysene-d12	14.08	240	727707	20.00	ng		0.00
86) Perylene-d12	15.53	264	545588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	303693	24.88	ng		-0.01
7) Phenol-d6	6.52	99	431768	27.37	ng		-0.01
23) Nitrobenzene-d5	7.46	82	399506	26.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	93846	24.77	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	658489	21.30	ng		0.00
78) Terphenyl-d14	13.02	244	646730	24.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	67178	11.16	ng	#	88
3) Pyridine	3.28	79	196812	13.56	ng		99
4) n-Nitrosodimethylamine	3.18	42	109454	16.10	ng	#	98
6) Aniline	6.56	93	283180	13.90	ng		100
8) 2-Chlorophenol	6.68	128	168482	12.11	ng		85
9) Benzaldehyde	6.44	77	148463	17.30	ng		98
10) Phenol	6.53	94	254770	14.02	ng		90
11) bis(2-Chloroethyl)ether	6.64	93	161198	11.60	ng		84
12) 1,3-Dichlorobenzene	6.84	146	185302	11.26	ng		95
13) 1,4-Dichlorobenzene	6.92	146	197990	11.69	ng		95
14) 1,2-Dichlorobenzene	7.07	146	165549m	10.30	ng		
15) Benzyl Alcohol	7.04	79	182440	15.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	257480	13.17	ng		99
17) 2-Methylphenol	7.15	107	137366	12.12	ng		96
18) Hexachloroethane	7.42	117	75199	12.73	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	146935	13.89	ng		97
20) 3+4-Methylphenols	7.30	107	176178	12.28	ng	#	86
22) Acetophenone	7.31	105	266573	12.84	ng		94
24) Nitrobenzene	7.48	77	229490	13.82	ng		91
25) Isophorone	7.72	82	380360	12.92	ng		96
26) 2-Nitrophenol	7.80	139	74132	9.80	ng		86
27) 2,4-Dimethylphenol	7.84	122	150395	11.74	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	224215	13.12	ng	#	97
29) 2,4-Dichlorophenol	8.04	162	143074	11.49	ng		92
30) 1,2,4-Trichlorobenzene	8.13	180	158285	11.29	ng		99
31) Naphthalene	8.21	128	494041m	11.81	ng		
32) Benzoic acid	7.92	122	98068m	12.84	ng		
33) 4-Chloroaniline	8.26	127	215598	13.30	ng	#	89
34) Hexachlorobutadiene	8.34	225	96026	11.56	ng		98
35) Caprolactam	8.59	113	41413	11.72	ng		97
36) 4-Chloro-3-methylphenol	8.74	107	152000	12.35	ng	#	79
37) 2-Methylnaphthalene	8.91	142	314254	10.99	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	144039	9.74	ng		99
40) Hexachlorocyclopentadiene	9.07	237	95945	23.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	107192	11.27	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	110704	11.59	ng	#	82
45) 1,1'-Biphenyl	9.37	154	363182	9.94	ng		95
46) 2-Chloronaphthalene	9.39	162	293131	10.17	ng		93
47) 2-Nitroaniline	9.48	65	114821	13.19	ng	#	85
48) Acenaphthylene	9.81	152	485321	10.52	ng		97
49) Dimethylphthalate	9.66	163	347921	10.32	ng		100
50) 2,6-Dinitrotoluene	9.72	165	71938	9.62	ng	#	82
51) Acenaphthene	9.98	154	299420	11.23	ng		97
52) 3-Nitroaniline	9.89	138	77382	9.64	ng	#	71
53) 2,4-Dinitrophenol	10.00	184	18722	6.63	ng	#	21
54) Dibenzofuran	10.16	168	423631	11.06	ng		92
55) 4-Nitrophenol	10.04	139	56221	15.75	ng		85
56) 2,4-Dinitrotoluene	10.12	165	100250	10.70	ng		97
57) Fluorene	10.50	166	336053	10.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	93994m	12.52	ng		
59) Diethylphthalate	10.37	149	397879	11.83	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	151470	9.99	ng	#	71
61) 4-Nitroaniline	10.50	138	81228	10.24	ng	#	76
62) Azobenzene	10.65	77	405670	11.94	ng		86
64) 4,6-Dinitro-2-methylphenol	10.53	198	36872	6.71	ng		94
65) n-Nitrosodiphenylamine	10.60	169	297618	10.43	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	94448	10.74	ng	#	67
67) Hexachlorobenzene	11.05	284	108996	11.74	ng	#	76
68) Atrazine	11.13	200	89101	10.33	ng		98
69) Pentachlorophenol	11.23	266	62969	16.00	ng		98
70) Phenanthrene	11.46	178	507923	10.66	ng		98
71) Anthracene	11.50	178	485011	10.05	ng		98
72) Carbazole	11.65	167	425508	9.98	ng		99
73) Di-n-butylphthalate	12.01	149	579916	11.21	ng		97
74) Fluoranthene	12.65	202	513679	10.52	ng		94
76) Benzidine	12.76	184	295830	13.21	ng		99
77) Pyrene	12.88	202	510059	10.95	ng		96
79) Butylbenzylphthalate	13.51	149	216864	10.84	ng		90
80) Benzo(a)anthracene	14.07	228	444882	10.94	ng		98
81) 3,3'-Dichlorobenzidine	14.03	252	147015	10.61	ng	#	94
82) Chrysene	14.10	228	378934	9.72	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	269049	10.12	ng	#	99
84) Di-n-octyl phthalate	14.69	149	416142	9.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	305942	8.88	ng		99
87) Benzo(b)fluoranthene	15.11	252	379033	11.51	ng	#	98
88) Benzo(k)fluoranthene	15.14	252	255795m	9.33	ng		
89) Benzo(a)pyrene	15.47	252	270834	9.52	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	260293	10.77	ng		98
91) Benzo(g,h,i)perylene	17.38	276	249648	10.46	ng		99

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

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