Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080680.D
Acq On : 27 Jul 2015 19:10
Operator : TP/UM
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
7/29/2015 10:40:24 AM

Quant Time: Jul 28 04:09:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 01:01:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	29769	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	86765	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	28544	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	40912	20.00	ng		0.00
75) Chrysene-d12	14.23	240	22263	20.00	ng		-0.02
86) Perylene-d12	15.86	264	11940	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	346992	195.76	ng		0.00
7) Phenol-d6	6.53	99	334252	161.24	ng		0.00
23) Nitrobenzene-d5	7.48	82	309265	180.63	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	43437	174.69	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	445794	233.25	ng		0.00
78) Terphenyl-d14	13.07	244	244160	230.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	80351	100.95	ng		98
3) Pyridine	3.25	79	190143	101.66	ng		97
4) n-Nitrosodimethylamine	3.17	42	128382	105.52	ng		97
6) Aniline	6.58	93	247029	82.96	ng		99
8) 2-Chlorophenol	6.70	128	172523	89.53	ng		94
9) Benzaldehyde	6.46	77	108589	78.41	ng		98
10) Phenol	6.56	94	190019	76.13	ng		85
11) bis(2-Chloroethyl)ether	6.66	93	146735	80.29	ng	#	80
12) 1,3-Dichlorobenzene	6.86	146	206552	97.31	ng		97
13) 1,4-Dichlorobenzene	6.94	146	204071	93.89	ng		98
14) 1,2-Dichlorobenzene	7.09	146	181343	85.02	ng		99
15) Benzyl Alcohol	7.06	79	141460	81.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	279997	88.12	ng		97
17) 2-Methylphenol	7.17	107	111804	74.09	ng	#	87
18) Hexachloroethane	7.44	117	65486	78.08	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	106092	71.29	ng	#	80
20) 3+4-Methylphenols	7.32	107	145242	73.72	ng	#	86
22) Acetophenone	7.33	105	211151	94.14	ng		95
24) Nitrobenzene	7.50	77	162471	94.78	ng		96
25) Isophorone	7.74	82	237151	79.65	ng		99
26) 2-Nitrophenol	7.82	139	65603	103.98	ng		97
27) 2,4-Dimethylphenol	7.86	122	117719m	93.70	ng		
28) bis(2-Chloroethoxy)methane	7.96	93	139503	81.08	ng	#	95
29) 2,4-Dichlorophenol	8.06	162	92646	78.86	ng	#	82
30) 1,2,4-Trichlorobenzene	8.16	180	126153	89.09	ng		99
31) Naphthalene	8.24	128	374543	86.74	ng		99
32) Benzoic acid	7.92	122	54396m	82.81	ng		
33) 4-Chloroaniline	8.28	127	134756	72.61	ng		98
34) Hexachlorobutadiene	8.35	225	78472	81.74	ng		95
35) Caprolactam	8.61	113	18190	56.55	ng	#	72
36) 4-Chloro-3-methylphenol	8.75	107	92792	73.78	ng		98
37) 2-Methylnaphthalene	8.92	142	224538	74.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	103298	121.53	ng		98
40) Hexachlorocyclopentadiene	9.08	237	68989	135.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	63052	109.72	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	58617	98.79	ng		94
45) 1,1'-Biphenyl	9.39	154	241089	118.33	ng		98
46) 2-Chloronaphthalene	9.41	162	193119	112.76	ng		95
47) 2-Nitroaniline	9.49	65	43793	87.47	ng		99
48) Acenaphthylene	9.82	152	294657	103.35	ng		99
49) Dimethylphthalate	9.68	163	164813	82.40	ng		99
50) 2,6-Dinitrotoluene	9.74	165	34352	95.18	ng	#	83
51) Acenaphthene	10.00	154	163258	95.20	ng		100
52) 3-Nitroaniline	9.90	138	36306	85.38	ng		92
53) 2,4-Dinitrophenol	10.01	184	9297	66.32	ng		96
54) Dibenzofuran	10.17	168	216650	88.67	ng		95
55) 4-Nitrophenol	10.05	139	26326	80.49	ng		95
56) 2,4-Dinitrotoluene	10.14	165	39394	84.56	ng		92
57) Fluorene	10.51	166	163593	85.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	35397m	76.77	ng		
59) Diethylphthalate	10.38	149	167490	85.30	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	77329	91.06	ng		98
61) 4-Nitroaniline	10.51	138	29564	73.23	ng		93
62) Azobenzene	10.66	77	149748	79.33	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	15978	87.04	ng		92
65) n-Nitrosodiphenylamine	10.62	169	129200	102.02	ng		97
66) 4-Bromophenyl-phenylether	11.00	248	38756	100.42	ng		99
67) Hexachlorobenzene	11.06	284	44094	94.35	ng		97
69) Pentachlorophenol	11.25	266	18842	83.18	ng		93
70) Phenanthrene	11.47	178	200425	88.81	ng		98
71) Anthracene	11.53	178	205740	94.80	ng		96
72) Carbazole	11.68	167	166207	86.11	ng		99
73) Di-n-butylphthalate	12.02	149	192309	81.37	ng		99
74) Fluoranthene	12.67	202	163353	76.88	ng		92
77) Pyrene	12.91	202	169261	116.37	ng		97
79) Butylbenzylphthalate	13.59	149	55746	96.21	ng		88
80) Benzo(a)anthracene	14.21	228	117968	91.38	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	31261	76.62	ng	#	93
82) Chrysene	14.25	228	121095	99.79	ng		97
83) Bis(2-ethylhexyl)phthalate	14.23	149	68377	79.82	ng		98
84) Di-n-octyl phthalate	14.96	149	83246	61.75	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.35	276	49534	38.60	ng		97
87) Benzo(b)fluoranthene	15.43	252	72061	94.35	ng		98
88) Benzo(k)fluoranthene	15.45	252	71990m	111.81	ng		
89) Benzo(a)pyrene	15.79	252	58701	89.37	ng	#	92
90) Dibenzo(a,h)anthracene	17.37	278	40642	62.00	ng	#	93
91) Benzo(g,h,i)perylene	17.79	276	37318	56.20	ng	#	95

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

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