Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084164.D
Acq On : 30 Dec 2015 23:32
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:04 PM

Quant Time: Dec 31 12:15:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 03:17:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	358329	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1508270	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	691298	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	1334046	20.00	ng		0.00
75) Chrysene-d12	14.05	240	1142895	20.00	ng		-0.01
86) Perylene-d12	15.49	264	899912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	138066	6.46	ng		-0.01
7) Phenol-d6	6.51	99	169848	6.39	ng		-0.01
23) Nitrobenzene-d5	7.46	82	122598	4.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	37482	5.08	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	304848	6.18	ng		0.00
78) Terphenyl-d14	13.01	244	278901	4.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	28595	3.19	ng		98
3) Pyridine	3.32	79	68909	3.03	ng		92
4) n-Nitrosodimethylamine	3.21	42	33119	3.20	ng	#	86
6) Aniline	6.56	93	119335	3.49	ng		94
8) 2-Chlorophenol	6.67	128	73675	2.84	ng		98
9) Benzaldehyde	6.44	77	65505	4.52	ng		93
10) Phenol	6.52	94	98244	3.25	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	72562	3.31	ng		98
12) 1,3-Dichlorobenzene	6.84	146	78708	2.80	ng	#	92
13) 1,4-Dichlorobenzene	6.92	146	75927	2.66	ng		94
14) 1,2-Dichlorobenzene	7.07	146	82570	3.16	ng	#	91
15) Benzyl Alcohol	7.04	79	69715	3.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	143903	5.88	ng		100
17) 2-Methylphenol	7.14	107	60339	2.96	ng		99
18) Hexachloroethane	7.41	117	27638	2.63	ng	#	68
19) n-Nitroso-di-n-propylamine	7.30	70	53727	3.25	ng	#	88
20) 3+4-Methylphenols	7.30	107	76837	2.96	ng	#	86
22) Acetophenone	7.30	105	110210	2.95	ng	#	93
24) Nitrobenzene	7.47	77	63361	2.34	ng		93
25) Isophorone	7.72	82	146779	3.03	ng		97
27) 2,4-Dimethylphenol	7.84	122	66812m	2.91	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	88088	3.10	ng		96
29) 2,4-Dichlorophenol	8.03	162	55726	2.56	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	63789	2.71	ng		95
31) Naphthalene	8.20	128	209276	2.65	ng		94
33) 4-Chloroaniline	8.25	127	93384	2.88	ng		94
34) Hexachlorobutadiene	8.33	225	35188	2.60	ng		95
35) Caprolactam	8.58	113	19184	3.12	ng	#	82
36) 4-Chloro-3-methylphenol	8.72	107	62379	2.56	ng	#	81
37) 2-Methylnaphthalene	8.90	142	158941	3.17	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	58082	2.69	ng		99
40) Hexachlorocyclopentadiene	9.06	237	32148	5.50	ng		93
42) 2,4,6-Trichlorophenol	9.17	196	41101m	2.89	ng		
43) 2,4,5-Trichlorophenol	9.21	196	40498m	2.85	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.38	162	128186	2.77	ng		97
48) Acenaphthylene	9.80	152	220278	2.87	ng		96
49) Dimethylphthalate	9.65	163	141503	2.50	ng	#	98
51) Acenaphthene	9.97	154	145673	3.20	ng		100
52) 3-Nitroaniline	9.88	138	28624	2.25	ng	#	88
54) Dibenzofuran	10.14	168	205077	3.27	ng		99
55) 4-Nitrophenol	10.03	139	18021	2.44	ng	#	77
57) Fluorene	10.49	166	159575	3.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	36334	3.50	ng		98
59) Diethylphthalate	10.36	149	166283	2.87	ng		94
60) 4-Chlorophenyl-phenylether	10.49	204	70637	2.92	ng	#	81
62) Azobenzene	10.64	77	158595	3.20	ng		93
65) n-Nitrosodiphenylamine	10.59	169	121414	2.63	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	39486	2.56	ng	#	74
67) Hexachlorobenzene	11.04	284	44259	2.64	ng	#	73
68) Atrazine	11.12	200	39557	2.75	ng		97
69) Pentachlorophenol	11.22	266	20480	3.62	ng		92
70) Phenanthrene	11.45	178	249558	3.20	ng		95
72) Carbazole	11.65	167	200175	2.88	ng	#	93
73) Di-n-butylphthalate	12.00	149	249214	2.79	ng	#	94
74) Fluoranthene	12.64	202	231531	2.83	ng		89
76) Benzidine	12.75	184	129958	3.26	ng		99
77) Pyrene	12.87	202	233289	2.45	ng		94
79) Butylbenzylphthalate	13.49	149	86634	2.13	ng	#	81
80) Benzo(a)anthracene	14.04	228	190167	2.73	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	62952	2.90	ng	#	94
82) Chrysene	14.09	228	179173	2.87	ng		96
83) Bis(2-ethylhexyl)phthalate	14.05	149	127165	2.49	ng		99
84) Di-n-octyl phthalate	14.66	149	184829	2.51	ng		97
87) Benzo(b)fluoranthene	15.08	252	162582	2.43	ng	#	93
88) Benzo(k)fluoranthene	15.11	252	144829m	3.21	ng		
89) Benzo(a)pyrene	15.44	252	134539	2.45	ng	#	95

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

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