Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083726.D
Acq On : 13 Dec 2015 13:51
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:28 PM

Quant Time: Dec 14 01:33:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:56:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143773	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	591962	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	267184	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	519184	20.00	ng		0.00
75) Chrysene-d12	14.07	240	391441	20.00	ng		0.00
86) Perylene-d12	15.49	264	287566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	46096	4.99	ng		-0.01
7) Phenol-d6	6.53	99	57918	5.00	ng		-0.01
23) Nitrobenzene-d5	7.47	82	53319	5.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	12777	5.02	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	124219	6.79	ng		0.00
78) Terphenyl-d14	13.01	244	103473	5.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	11696	2.56	ng		90
3) Pyridine	3.32	79	24209	2.05	ng		93
6) Aniline	6.57	93	40411	2.55	ng		98
8) 2-Chlorophenol	6.69	128	29205	2.81	ng		95
9) Benzaldehyde	6.45	77	18505	2.90	ng		84
10) Phenol	6.54	94	34772	2.55	ng		88
11) bis(2-Chloroethyl)ether	6.64	93	23988	2.49	ng		95
12) 1,3-Dichlorobenzene	6.85	146	29247	2.57	ng	#	91
13) 1,4-Dichlorobenzene	6.93	146	31381	2.78	ng		97
14) 1,2-Dichlorobenzene	7.08	146	27361	2.58	ng		94
15) Benzyl Alcohol	7.05	79	22259	2.67	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	33307	2.48	ng		99
17) 2-Methylphenol	7.16	107	21379	2.56	ng		97
18) Hexachloroethane	7.44	117	10593	2.73	ng		95
19) n-Nitroso-di-n-propylamine	7.32	70	19163	2.88	ng	#	92
20) 3+4-Methylphenols	7.31	107	29268	2.91	ng		99
22) Acetophenone	7.32	105	39339	2.73	ng		98
24) Nitrobenzene	7.49	77	25679	2.60	ng	#	81
25) Isophorone	7.73	82	52887	2.66	ng		98
26) 2-Nitrophenol	7.81	139	10383	2.48	ng	#	89
27) 2,4-Dimethylphenol	7.85	122	27960	2.82	ng		94
28) bis(2-Chloroethoxy)methane	7.95	93	29250	2.62	ng	#	97
29) 2,4-Dichlorophenol	8.05	162	20811	2.57	ng		92
30) 1,2,4-Trichlorobenzene	8.14	180	23272	2.62	ng		96
31) Naphthalene	8.22	128	85348	2.91	ng		97
33) 4-Chloroaniline	8.26	127	30574	2.44	ng	#	95
34) Hexachlorobutadiene	8.35	225	12735	2.56	ng		99
35) Caprolactam	8.58	113	5830	2.21	ng		87
36) 4-Chloro-3-methylphenol	8.74	107	25272	2.75	ng		99
37) 2-Methylnaphthalene	8.91	142	51259	2.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	22781	2.79	ng		98
40) Hexachlorocyclopentadiene	9.07	237	8015	2.01	ng		98
42) 2,4,6-Trichlorophenol	9.18	196	16263	2.87	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	13659	2.43	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.38	154	69988	3.03	ng		95
46) 2-Chloronaphthalene	9.40	162	49332	2.84	ng		91
47) 2-Nitroaniline	9.48	65	11183	2.42	ng	#	82
48) Acenaphthylene	9.81	152	88309	3.04	ng		97
49) Dimethylphthalate	9.66	163	58278	2.86	ng		99
50) 2,6-Dinitrotoluene	9.72	165	9993	2.49	ng	#	82
51) Acenaphthene	9.98	154	52782	3.03	ng		93
52) 3-Nitroaniline	9.89	138	12011	2.54	ng	#	98
54) Dibenzofuran	10.16	168	70799	3.09	ng		92
55) 4-Nitrophenol	10.04	139	7965	2.02	ng		91
56) 2,4-Dinitrotoluene	10.12	165	12909	2.51	ng	#	89
57) Fluorene	10.50	166	60156	3.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	10729	2.64	ng	#	98
59) Diethylphthalate	10.37	149	58495	2.99	ng	#	94
60) 4-Chlorophenyl-phenylether	10.49	204	23182	2.66	ng	#	73
61) 4-Nitroaniline	10.49	138	10404	2.45	ng		87
62) Azobenzene	10.65	77	53233	2.83	ng		95
65) n-Nitrosodiphenylamine	10.60	169	50491	2.87	ng		97
66) 4-Bromophenyl-phenylether	10.98	248	14828	2.64	ng		91
67) Hexachlorobenzene	11.05	284	16547	2.72	ng	#	68
68) Atrazine	11.13	200	14583	2.86	ng		97
70) Phenanthrene	11.46	178	79967	2.86	ng		98
71) Anthracene	11.51	178	82744	2.79	ng		99
72) Carbazole	11.65	167	74003	2.69	ng		98
73) Di-n-butylphthalate	12.00	149	90668	3.06	ng		99
74) Fluoranthene	12.64	202	78679	2.61	ng		94
77) Pyrene	12.87	202	82145	2.64	ng		97
79) Butylbenzylphthalate	13.49	149	27476	2.61	ng		95
80) Benzo(a)anthracene	14.05	228	59497	2.60	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	16804	2.24	ng	#	95
82) Chrysene	14.09	228	57686	2.63	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	38217	3.36	ng		98
84) Di-n-octyl phthalate	14.66	149	55188	3.14	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.91	276	43119	2.07	ng		99
87) Benzo(b)fluoranthene	15.08	252	47252	2.60	ng	#	95
88) Benzo(k)fluoranthene	15.11	252	42262m	2.43	ng		
89) Benzo(a)pyrene	15.44	252	38201	2.34	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	35330	2.20	ng		97
91) Benzo(g,h,i)perylene	17.33	276	37316	2.20	ng	#	94

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

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