Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090133.D
Acq On : 20 Sep 2016 12:35
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
9/21/2016 4:17:28 PM

Quant Time: Sep 20 13:38:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 13:15:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	167528	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	660635	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	341164	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	564833	20.00	ng		0.00
75) Chrysene-d12	13.63	240	363748	20.00	ng		0.00
86) Perylene-d12	14.96	264	324546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	981060	94.18	ng		0.01
7) Phenol-d6	6.18	99	1144780	83.95	ng		0.01
23) Nitrobenzene-d5	7.10	82	999758	85.09	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	263842	76.99	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1560078	71.82	ng		0.00
78) Terphenyl-d14	12.61	244	1253048	81.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	247014	45.42	ng		96
3) Pyridine	2.52	79	595531	48.02	ng		99
4) n-Nitrosodimethylamine	2.48	42	176943	45.95	ng		92
6) Aniline	6.18	93	697842	41.23	ng	#	79
8) 2-Chlorophenol	6.31	128	546727	45.56	ng		86
9) Benzaldehyde	6.06	77	249091	34.27	ng		99
10) Phenol	6.19	94	726400	47.46	ng	#	72
11) bis(2-Chloroethyl)ether	6.27	93	560457	45.66	ng		92
12) 1,3-Dichlorobenzene	6.46	146	527038	42.69	ng		98
13) 1,4-Dichlorobenzene	6.54	146	539137	42.30	ng		98
14) 1,2-Dichlorobenzene	6.70	146	500169	43.19	ng		95
15) Benzyl Alcohol	6.68	79	353606	46.04	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.82	45	606596	41.70	ng		97
17) 2-Methylphenol	6.81	107	443011	45.13	ng		97
18) Hexachloroethane	7.04	117	202846	43.86	ng	#	83
19) n-Nitroso-di-n-propylamine	6.96	70	331390	39.10	ng		98
20) 3+4-Methylphenols	6.97	107	543322	45.59	ng		96
22) Acetophenone	6.95	105	717998	44.90	ng	#	97
24) Nitrobenzene	7.12	77	602257	48.66	ng		90
25) Isophorone	7.36	82	1031598	41.93	ng		96
26) 2-Nitrophenol	7.43	139	271353	45.22	ng		91
27) 2,4-Dimethylphenol	7.50	122	492338	46.63	ng		96
28) bis(2-Chloroethoxy)methane	7.59	93	690856	47.87	ng		99
29) 2,4-Dichlorophenol	7.68	162	419009	44.92	ng		91
30) 1,2,4-Trichlorobenzene	7.76	180	416012	45.21	ng		99
31) Naphthalene	7.84	128	1455223	44.81	ng		99
32) Benzoic acid	7.66	122	373258	49.20	ng		98
33) 4-Chloroaniline	7.90	127	632982	45.80	ng	#	93
34) Hexachlorobutadiene	7.96	225	219168	46.52	ng		99
35) Caprolactam	8.28	113	143636	46.11	ng		96
36) 4-Chloro-3-methylphenol	8.39	107	440376	40.67	ng		99
37) 2-Methylnaphthalene	8.52	142	876846	43.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	365676	41.68	ng		97
40) Hexachlorocyclopentadiene	8.68	237	201386	44.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	276774	43.53	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	271531	39.70	ng	#	84
45) 1,1'-Biphenyl	8.99	154	1152285	41.28	ng		96
46) 2-Chloronaphthalene	9.00	162	808309	39.08	ng		97
47) 2-Nitroaniline	9.11	65	249974	37.85	ng	#	82
48) Acenaphthylene	9.42	152	1204307	34.67	ng		99
49) Dimethylphthalate	9.30	163	937686	37.00	ng		98
50) 2,6-Dinitrotoluene	9.36	165	227946	40.25	ng	#	85
51) Acenaphthene	9.59	154	741360	38.21	ng		98
52) 3-Nitroaniline	9.52	138	271535	39.41	ng		87
53) 2,4-Dinitrophenol	9.63	184	126486	41.09	ng	#	87
54) Dibenzofuran	9.76	168	959642	35.76	ng		94
55) 4-Nitrophenol	9.70	139	203086	41.89	ng		98
56) 2,4-Dinitrotoluene	9.76	165	283168	41.02	ng		87
57) Fluorene	10.10	166	800368	38.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	206228	39.53	ng		99
59) Diethylphthalate	10.00	149	936892	38.19	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	325074	36.63	ng		92
61) 4-Nitroaniline	10.14	138	273107	39.16	ng		89
62) Azobenzene	10.26	77	1058127	41.10	ng		91
64) 4,6-Dinitro-2-methylphenol	10.16	198	156092	45.16	ng	#	55
65) n-Nitrosodiphenylamine	10.23	169	844407	47.18	ng		100
66) 4-Bromophenyl-phenylether	10.58	248	229892	42.22	ng	#	82
67) Hexachlorobenzene	10.64	284	264059	41.16	ng	#	83
68) Atrazine	10.75	200	205540	38.65	ng		96
69) Pentachlorophenol	10.84	266	172232	45.82	ng		99
70) Phenanthrene	11.05	178	1205541	44.17	ng		99
71) Anthracene	11.10	178	1173420	39.37	ng		99
72) Carbazole	11.26	167	1261400	41.26	ng		98
73) Di-n-butylphthalate	11.61	149	1490727	43.48	ng		99
74) Fluoranthene	12.23	202	1260563	44.08	ng		92
76) Benzidine	12.35	184	592557	39.94	ng		100
77) Pyrene	12.45	202	1091616	41.12	ng		100
79) Butylbenzylphthalate	13.09	149	554337	41.93	ng	#	80
80) Benzo(a)anthracene	13.62	228	941358	44.33	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	372444	41.85	ng	#	96
82) Chrysene	13.67	228	929271	46.66	ng		100
83) Bis(2-ethylhexyl)phthalate	13.66	149	749890	45.86	ng	#	99
84) Di-n-octyl phthalate	14.26	149	1325815	45.36	ng		98
85) Indeno(1,2,3-cd)pyrene	16.13	276	709277	40.99	ng		98
87) Benzo(b)fluoranthene	14.62	252	845851m	44.46	ng		
88) Benzo(k)fluoranthene	14.64	252	737224m	43.04	ng		
89) Benzo(a)pyrene	14.91	252	779977	45.71	ng		99
90) Dibenzo(a,h)anthracene	16.15	278	598422	44.79	ng		98
91) Benzo(g,h,i)perylene	16.48	276	580745	45.54	ng		94

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

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