Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090376.D
Acq On : 5 Oct 2016 12:47
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:10 PM

Quant Time: Oct 05 13:39:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 13:33:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	226454	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	971444	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	467546	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	771462	20.00	ng		0.00
75) Chrysene-d12	14.20	240	607136	20.00	ng		0.00
86) Perylene-d12	15.70	264	373975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1244362	86.67	ng		0.00
7) Phenol-d6	6.62	99	1568510	87.40	ng		0.00
23) Nitrobenzene-d5	7.57	82	1647680	98.87	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	327506	80.65	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2520591	87.90	ng		0.00
78) Terphenyl-d14	13.14	244	2102332	80.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	300267	42.85	ng		94
3) Pyridine	3.49	79	862669	46.44	ng		86
4) n-Nitrosodimethylamine	3.43	42	351735	52.27	ng	#	67
6) Aniline	6.66	93	1140194	46.24	ng		97
8) 2-Chlorophenol	6.78	128	648843	40.22	ng		88
9) Benzaldehyde	6.54	77	397189	47.68	ng		88
10) Phenol	6.63	94	886462	40.61	ng		99
11) bis(2-Chloroethyl)ether	6.74	93	753853	48.63	ng		95
12) 1,3-Dichlorobenzene	6.94	146	653440	39.00	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	721655	42.41	ng		98
14) 1,2-Dichlorobenzene	7.17	146	607321	37.54	ng		94
15) Benzyl Alcohol	7.14	79	580263	45.87	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1284455	54.22	ng		97
17) 2-Methylphenol	7.25	107	545765	43.67	ng		99
18) Hexachloroethane	7.53	117	272313	44.23	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	613989	53.57	ng	#	82
20) 3+4-Methylphenols	7.41	107	754205	47.47	ng	#	62
22) Acetophenone	7.41	105	881616	39.20	ng	#	98
24) Nitrobenzene	7.58	77	758189	42.61	ng		94
25) Isophorone	7.83	82	1427283	45.02	ng		96
26) 2-Nitrophenol	7.90	139	330963	48.20	ng	#	73
27) 2,4-Dimethylphenol	7.94	122	612017	39.51	ng		94
28) bis(2-Chloroethoxy)methane	8.04	93	940644	47.78	ng		97
29) 2,4-Dichlorophenol	8.14	162	465703	36.72	ng		86
30) 1,2,4-Trichlorobenzene	8.23	180	539904	38.01	ng		98
31) Naphthalene	8.31	128	1774693	38.22	ng		99
32) Benzoic acid	8.05	122	448388	49.22	ng		94
33) 4-Chloroaniline	8.36	127	826999	44.59	ng		95
34) Hexachlorobutadiene	8.44	225	292248	34.95	ng		98
35) Caprolactam	8.74	113	170517	51.41	ng	#	67
36) 4-Chloro-3-methylphenol	8.84	107	663860	48.75	ng		98
37) 2-Methylnaphthalene	9.01	142	1225305	42.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	465902	35.30	ng	#	98
40) Hexachlorocyclopentadiene	9.17	237	282912	36.66	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	390055	46.98	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	311382	37.27	ng		94
45) 1,1'-Biphenyl	9.48	154	1443254	39.87	ng		94
46) 2-Chloronaphthalene	9.50	162	1158780	42.65	ng		96
47) 2-Nitroaniline	9.59	65	431231	58.15	ng	#	81
48) Acenaphthylene	9.91	152	1652201	40.20	ng		99
49) Dimethylphthalate	9.78	163	1288598	46.56	ng		98
50) 2,6-Dinitrotoluene	9.83	165	295195	48.76	ng	#	83
51) Acenaphthene	10.09	154	1032010	41.26	ng		98
52) 3-Nitroaniline	10.01	138	345780	50.42	ng	#	82
53) 2,4-Dinitrophenol	10.10	184	116928	63.88	ng	#	1
54) Dibenzofuran	10.26	168	1302345	39.38	ng	#	90
55) 4-Nitrophenol	10.15	139	312933	57.30	ng		87
56) 2,4-Dinitrotoluene	10.23	165	366817	50.34	ng	#	37
57) Fluorene	10.60	166	1155685	41.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	228973m	38.87	ng		
59) Diethylphthalate	10.47	149	1246581	44.06	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	580308	44.23	ng		90
61) 4-Nitroaniline	10.61	138	310915	50.40	ng		94
62) Azobenzene	10.76	77	1610493	54.63	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	199925	67.93	ng	#	65
65) n-Nitrosodiphenylamine	10.71	169	1050468	39.93	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	331087	39.71	ng		92
67) Hexachlorobenzene	11.16	284	366223	37.37	ng	#	91
68) Atrazine	11.24	200	260445	41.35	ng		97
69) Pentachlorophenol	11.34	266	191941	34.95	ng		99
70) Phenanthrene	11.57	178	1627126	39.31	ng		99
71) Anthracene	11.62	178	1550752	37.54	ng		98
72) Carbazole	11.78	167	1642796	43.25	ng		98
73) Di-n-butylphthalate	12.11	149	2002892	44.13	ng		98
74) Fluoranthene	12.76	202	1415300	36.05	ng		96
76) Benzidine	12.88	184	613075	36.72	ng		98
77) Pyrene	12.99	202	1525691	39.25	ng		99
79) Butylbenzylphthalate	13.62	149	802367	52.37	ng		96
80) Benzo(a)anthracene	14.19	228	1348633	39.61	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	435431	37.13	ng	#	96
82) Chrysene	14.22	228	1240479	38.89	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1201637	49.03	ng		100
84) Di-n-octyl phthalate	14.80	149	1729706	48.57	ng		95
85) Indeno(1,2,3-cd)pyrene	17.22	276	839267	24.48	ng	#	93
87) Benzo(b)fluoranthene	15.26	252	1043834	48.54	ng		98
88) Benzo(k)fluoranthene	15.29	252	842160m	41.00	ng		
89) Benzo(a)pyrene	15.64	252	851127	43.39	ng		99
90) Dibenzo(a,h)anthracene	17.24	278	705150	36.66	ng	#	93
91) Benzo(g,h,i)perylene	17.69	276	673743	35.76	ng		98

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

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