Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090339.D
Acq On : 4 Oct 2016 12:56
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
10/5/2016 7:26:07 PM

Quant Time: Oct 04 13:25:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:59:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	280595	20.00	ng		0.01
21) Naphthalene-d8	8.30	136	1048329	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	477641	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	680244	20.00	ng		0.01
75) Chrysene-d12	14.19	240	535514	20.00	ng		0.00
86) Perylene-d12	15.70	264	497247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1945213	113.00	ng		0.00
7) Phenol-d6	6.64	99	2621734	123.32	ng		0.01
23) Nitrobenzene-d5	7.58	82	2148641	118.81	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	509175	124.26	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3518639	144.62	ng		0.00
78) Terphenyl-d14	13.14	244	2917780	138.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	526811	56.40	ng	#	88
3) Pyridine	3.48	79	1412343	69.73	ng	#	80
4) n-Nitrosodimethylamine	3.44	42	521365	86.25	ng	#	53
6) Aniline	6.67	93	1765117	66.61	ng		99
8) 2-Chlorophenol	6.80	128	1209297	61.05	ng		89
9) Benzaldehyde	6.56	77	614650	66.34	ng		97
10) Phenol	6.65	94	1659920	66.05	ng		84
11) bis(2-Chloroethyl)ether	6.74	93	989427	50.49	ng		90
12) 1,3-Dichlorobenzene	6.96	146	1220849	59.00	ng		97
13) 1,4-Dichlorobenzene	7.03	146	1149376	54.40	ng		99
14) 1,2-Dichlorobenzene	7.19	146	1238657	65.81	ng		98
15) Benzyl Alcohol	7.15	79	997791	78.71	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1650761	70.49	ng		91
17) 2-Methylphenol	7.26	107	883187	56.61	ng		98
18) Hexachloroethane	7.53	117	460828	61.15	ng		99
19) n-Nitroso-di-n-propylamine	7.43	70	777809	62.28	ng	#	82
20) 3+4-Methylphenols	7.42	107	1210227	64.61	ng		92
22) Acetophenone	7.43	105	1487473	58.84	ng	#	82
24) Nitrobenzene	7.60	77	1337047	70.96	ng		90
25) Isophorone	7.84	82	2088419	55.27	ng		97
26) 2-Nitrophenol	7.91	139	484234	52.19	ng	#	74
27) 2,4-Dimethylphenol	7.94	122	961956	58.35	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	1223580	53.54	ng		98
29) 2,4-Dichlorophenol	8.15	162	805226	55.69	ng		90
30) 1,2,4-Trichlorobenzene	8.24	180	886866	61.40	ng		99
31) Naphthalene	8.32	128	2835454	56.80	ng		99
32) Benzoic acid	8.07	122	688832	60.87	ng		98
33) 4-Chloroaniline	8.36	127	1150613	55.57	ng		95
34) Hexachlorobutadiene	8.44	225	566268	74.32	ng		99
35) Caprolactam	8.74	113	237258	49.57	ng	#	67
36) 4-Chloro-3-methylphenol	8.84	107	922740	56.46	ng		87
37) 2-Methylnaphthalene	9.02	142	1873052	60.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	826963	75.43	ng		100
40) Hexachlorocyclopentadiene	9.18	237	563394	104.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	581246	74.40	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	563344	69.64	ng	#	93
45) 1,1'-Biphenyl	9.48	154	2302264	67.37	ng		96
46) 2-Chloronaphthalene	9.51	162	1779525	70.59	ng		96
47) 2-Nitroaniline	9.59	65	469882	61.82	ng		90
48) Acenaphthylene	9.92	152	2374041	57.99	ng		100
49) Dimethylphthalate	9.78	163	1794580	58.99	ng		99
50) 2,6-Dinitrotoluene	9.84	165	426020	62.83	ng	#	67
51) Acenaphthene	10.09	154	1489771	61.30	ng		98
52) 3-Nitroaniline	10.00	138	438725	55.19	ng		91
53) 2,4-Dinitrophenol	10.10	184	127248	42.94	ng	#	1
54) Dibenzofuran	10.26	168	1905193	59.57	ng		93
55) 4-Nitrophenol	10.15	139	328452	60.31	ng		96
56) 2,4-Dinitrotoluene	10.24	165	522571	65.18	ng	#	62
57) Fluorene	10.60	166	1614243	66.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	358459m	59.19	ng		
59) Diethylphthalate	10.48	149	1639588	55.81	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	878824	79.96	ng	#	86
61) 4-Nitroaniline	10.62	138	382652	47.23	ng		94
62) Azobenzene	10.76	77	1986825	64.97	ng		86
64) 4,6-Dinitro-2-methylphenol	10.65	198	221364	51.95	ng	#	42
65) n-Nitrosodiphenylamine	10.72	169	1475211	65.95	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	494200	73.83	ng	#	85
67) Hexachlorobenzene	11.16	284	550898	70.61	ng	#	81
68) Atrazine	11.24	200	379387	61.89	ng		96
69) Pentachlorophenol	11.35	266	325159	73.43	ng		99
70) Phenanthrene	11.58	178	2271338	71.40	ng		99
71) Anthracene	11.62	178	2001045	59.97	ng		99
72) Carbazole	11.77	167	1969939	55.85	ng		98
73) Di-n-butylphthalate	12.11	149	2435916	59.39	ng		98
74) Fluoranthene	12.77	202	2025828	59.32	ng		99
76) Benzidine	12.88	184	888799	49.59	ng		96
77) Pyrene	12.99	202	1974811	53.89	ng		100
79) Butylbenzylphthalate	13.61	149	907995	50.66	ng	#	74
80) Benzo(a)anthracene	14.18	228	1853407	64.33	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	690370	58.10	ng	#	97
82) Chrysene	14.23	228	1846757	65.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1415987	61.73	ng		97
84) Di-n-octyl phthalate	14.80	149	2163281	54.75	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.23	276	2065102	91.01	ng		97
87) Benzo(b)fluoranthene	15.26	252	1945716	70.66	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	1439935m	55.72	ng		
89) Benzo(a)pyrene	15.65	252	1649250	63.68	ng	#	97
90) Dibenzo(a,h)anthracene	17.25	278	1713892	84.80	ng	#	94
91) Benzo(g,h,i)perylene	17.69	276	1682867	85.07	ng		99

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

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