Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093420.D
Acq On : 7 Mar 2017 15:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:42 PM

Quant Time: Mar 08 00:37:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	204684	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	837317	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	475472	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	726121	20.00	ng		0.01
75) Chrysene-d12	13.93	240	596601	20.00	ng		0.01
86) Perylene-d12	15.34	264	498407	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	965439	78.50	ng		0.00
7) Phenol-d6	6.42	99	1258229	81.13	ng		0.01
23) Nitrobenzene-d5	7.34	82	1246173	82.58	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	228539	73.77	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1908437	74.66	ng		0.00
78) Terphenyl-d14	12.87	244	1617981	70.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	273780	40.42	ng	#	84
3) Pyridine	2.96	79	728977	42.21	ng		89
4) n-Nitrosodimethylamine	2.93	42	358863	43.50	ng		85
6) Aniline	6.42	93	815270	38.30	ng	#	68
8) 2-Chlorophenol	6.55	128	551306	40.01	ng		95
9) Benzaldehyde	6.31	77	395580	43.04	ng		90
10) Phenol	6.44	94	745630	39.24	ng		94
11) bis(2-Chloroethyl)ether	6.50	93	586838	38.21	ng		92
12) 1,3-Dichlorobenzene	6.70	146	614844m	38.98	ng		
13) 1,4-Dichlorobenzene	6.78	146	638434	39.54	ng		99
14) 1,2-Dichlorobenzene	6.94	146	589015	41.19	ng		96
15) Benzyl Alcohol	6.93	79	443978	40.16	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1030616	40.39	ng		87
17) 2-Methylphenol	7.04	107	460238	39.49	ng		93
18) Hexachloroethane	7.27	117	218048	40.04	ng		90
19) n-Nitroso-di-n-propylamine	7.19	70	399822	37.50	ng		94
20) 3+4-Methylphenols	7.20	107	614337	40.64	ng	#	77
22) Acetophenone	7.19	105	794594	39.44	ng	#	97
24) Nitrobenzene	7.36	77	687820	40.55	ng		98
25) Isophorone	7.60	82	1214839	39.92	ng		95
26) 2-Nitrophenol	7.68	139	327119	42.27	ng	#	86
27) 2,4-Dimethylphenol	7.73	122	547487	43.49	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	724553	37.71	ng		99
29) 2,4-Dichlorophenol	7.92	162	486219	41.06	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	505883	40.17	ng		99
31) Naphthalene	8.08	128	1638549	39.05	ng		98
32) Benzoic acid	7.89	122	238970	36.53	ng		97
33) 4-Chloroaniline	8.14	127	717827	42.16	ng		98
34) Hexachlorobutadiene	8.18	225	254111	39.17	ng		99
35) Caprolactam	8.53	113	173236	42.83	ng	#	44
36) 4-Chloro-3-methylphenol	8.63	107	512211	40.52	ng		99
37) 2-Methylnaphthalene	8.77	142	1071650	40.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	490465	37.78	ng		99
40) Hexachlorocyclopentadiene	8.92	237	94151	36.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	305355	37.64	ng		93
43) 2,4,5-Trichlorophenol	9.10	196	343165	39.43	ng		96
45) 1,1'-Biphenyl	9.24	154	1254502	36.22	ng		99
46) 2-Chloronaphthalene	9.26	162	1057670	39.89	ng		98
47) 2-Nitroaniline	9.36	65	368277	39.29	ng		93
48) Acenaphthylene	9.67	152	1597918	36.54	ng		99
49) Dimethylphthalate	9.53	163	1159554	36.79	ng		98
50) 2,6-Dinitrotoluene	9.61	165	259041	37.45	ng	#	71
51) Acenaphthene	9.84	154	987309	38.18	ng		98
52) 3-Nitroaniline	9.77	138	299574	36.05	ng		94
53) 2,4-Dinitrophenol	9.90	184	140739	44.68	ng	#	77
54) Dibenzofuran	10.01	168	1269532	39.23	ng		94
55) 4-Nitrophenol	9.97	139	150399	37.26	ng	#	81
56) 2,4-Dinitrotoluene	10.01	165	292757	34.45	ng	#	77
57) Fluorene	10.36	166	1121219	40.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	246439	40.12	ng		94
59) Diethylphthalate	10.23	149	1076622	35.74	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	486388	39.57	ng	#	86
61) 4-Nitroaniline	10.39	138	313668	36.91	ng		95
62) Azobenzene	10.50	77	1318267	38.51	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	186982	39.75	ng		92
65) n-Nitrosodiphenylamine	10.47	169	963907	39.76	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	305540	39.79	ng	#	83
67) Hexachlorobenzene	10.90	284	289810	39.53	ng		97
68) Atrazine	11.00	200	261333	36.83	ng		100
69) Pentachlorophenol	11.11	266	107008	42.27	ng		98
70) Phenanthrene	11.32	178	1599416	38.59	ng		99
71) Anthracene	11.36	178	1575649	37.58	ng		99
72) Carbazole	11.52	167	1540036	39.10	ng		99
73) Di-n-butylphthalate	11.85	149	1796929	39.43	ng	#	96
74) Fluoranthene	12.50	202	1628327	40.67	ng		95
76) Benzidine	12.63	184	829686	42.29	ng		99
77) Pyrene	12.73	202	1668141	38.45	ng		99
79) Butylbenzylphthalate	13.34	149	718304	39.33	ng		98
80) Benzo(a)anthracene	13.92	228	1333454	37.85	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	489564	39.67	ng	#	94
82) Chrysene	13.96	228	1244175	38.17	ng		100
83) Bis(2-ethylhexyl)phthalate	13.90	149	972544	38.20	ng		97
84) Di-n-octyl phthalate	14.51	149	1663469	39.20	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	1022516	37.47	ng	#	93
87) Benzo(b)fluoranthene	14.94	252	1122138m	36.97	ng		
88) Benzo(k)fluoranthene	14.97	252	1183388m	40.43	ng		
89) Benzo(a)pyrene	15.28	252	1072364	38.66	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	871676	37.98	ng		96
91) Benzo(g,h,i)perylene	17.12	276	915228	38.85	ng	#	93

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

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