Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030217\
Data File : BF093332.D
Acq On : 2 Mar 2017 20:32
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:45 PM

Quant Time: Mar 03 01:13:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	178665	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	700107	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	354881	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	619555	20.00	ng		0.00
75) Chrysene-d12	13.99	240	576808	20.00	ng		0.00
86) Perylene-d12	15.40	264	456454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	855038	82.10	ng		-0.01
7) Phenol-d6	6.44	99	1082440	80.78	ng		-0.01
23) Nitrobenzene-d5	7.38	82	1096655	87.23	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	206754	80.55	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1440218	73.52	ng		0.00
78) Terphenyl-d14	12.93	244	1663004	67.74	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	238663	42.41	ng		86
3) Pyridine	3.01	79	616833	43.11	ng		90
4) n-Nitrosodimethylamine	2.98	42	313296	46.63	ng		83
6) Aniline	6.45	93	709219	38.80	ng	#	69
8) 2-Chlorophenol	6.58	128	463931	40.38	ng		90
9) Benzaldehyde	6.34	77	344935	35.93	ng		88
10) Phenol	6.46	94	635832	40.56	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	504127	40.29	ng		91
12) 1,3-Dichlorobenzene	6.73	146	531716	39.51	ng	#	89
13) 1,4-Dichlorobenzene	6.81	146	535282	39.30	ng		98
14) 1,2-Dichlorobenzene	6.97	146	504620	38.75	ng		98
15) Benzyl Alcohol	6.96	79	370834	37.38	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	863765	39.73	ng		88
17) 2-Methylphenol	7.07	107	384947	39.06	ng		95
18) Hexachloroethane	7.31	117	192945	41.50	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	335255	39.30	ng		94
20) 3+4-Methylphenols	7.23	107	512388	43.48	ng	#	78
22) Acetophenone	7.22	105	655502	41.01	ng	#	99
24) Nitrobenzene	7.39	77	530427	41.09	ng		99
25) Isophorone	7.63	82	1046652	44.68	ng	#	93
26) 2-Nitrophenol	7.71	139	267349	43.57	ng		96
27) 2,4-Dimethylphenol	7.76	122	437259	40.57	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	683677	44.06	ng		99
29) 2,4-Dichlorophenol	7.96	162	405745	40.37	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	412536	38.09	ng		96
31) Naphthalene	8.11	128	1305241	36.78	ng		99
32) Benzoic acid	7.92	122	219458	37.74	ng		99
33) 4-Chloroaniline	8.17	127	552850	39.72	ng		94
34) Hexachlorobutadiene	8.22	225	218945	36.74	ng		98
35) Caprolactam	8.57	113	147471	46.64	ng	#	74
36) 4-Chloro-3-methylphenol	8.67	107	440098	42.00	ng		98
37) 2-Methylnaphthalene	8.81	142	870122	38.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	425088	42.67	ng		99
40) Hexachlorocyclopentadiene	8.96	237	188510	41.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	262934	40.17	ng		92
43) 2,4,5-Trichlorophenol	9.15	196	284721	39.70	ng	#	85
45) 1,1'-Biphenyl	9.28	154	1075303	41.84	ng		98
46) 2-Chloronaphthalene	9.30	162	823042	40.94	ng		96
47) 2-Nitroaniline	9.40	65	311755	46.13	ng		90
48) Acenaphthylene	9.72	152	1416191	40.78	ng		97
49) Dimethylphthalate	9.58	163	1020494	42.69	ng		99
50) 2,6-Dinitrotoluene	9.65	165	237475	46.00	ng	#	84
51) Acenaphthene	9.89	154	827107	39.84	ng		96
52) 3-Nitroaniline	9.82	138	274310	46.43	ng		98
53) 2,4-Dinitrophenol	9.95	184	118545	47.20	ng	#	86
54) Dibenzofuran	10.06	168	1082838	38.99	ng		93
55) 4-Nitrophenol	10.01	139	145049	34.09	ng		90
56) 2,4-Dinitrotoluene	10.06	165	280128	40.76	ng		95
57) Fluorene	10.41	166	939333	43.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	215056	44.95	ng		94
59) Diethylphthalate	10.28	149	919278	40.81	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	403411	39.30	ng		87
61) 4-Nitroaniline	10.44	138	256561	42.40	ng		93
62) Azobenzene	10.56	77	1020700	43.86	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	161413	43.09	ng	#	45
65) n-Nitrosodiphenylamine	10.52	169	802185	40.53	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	255863	39.53	ng		92
67) Hexachlorobenzene	10.96	284	238722	37.32	ng	#	89
68) Atrazine	11.06	200	282631	44.50	ng		93
69) Pentachlorophenol	11.16	266	118125	39.75	ng		97
70) Phenanthrene	11.37	178	1237336	34.86	ng		99
71) Anthracene	11.42	178	1456189	40.85	ng		98
72) Carbazole	11.58	167	1369378	40.19	ng		99
73) Di-n-butylphthalate	11.90	149	1447520	39.28	ng		98
74) Fluoranthene	12.56	202	1340406	36.61	ng		98
76) Benzidine	12.68	184	827240	33.66	ng		98
77) Pyrene	12.78	202	1361288	31.54	ng		99
79) Butylbenzylphthalate	13.40	149	727055	41.48	ng		88
80) Benzo(a)anthracene	13.97	228	1285457	36.44	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	480804	38.23	ng	#	96
82) Chrysene	14.01	228	1017966	30.82	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	896201	37.38	ng		99
84) Di-n-octyl phthalate	14.56	149	1589158	40.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	910791	35.60	ng	#	93
87) Benzo(b)fluoranthene	15.00	252	1269674m	42.26	ng		
88) Benzo(k)fluoranthene	15.03	252	866057m	33.39	ng		
89) Benzo(a)pyrene	15.35	252	1018910	39.21	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	767176	36.53	ng		99
91) Benzo(g,h,i)perylene	17.22	276	782236	36.87	ng	#	94

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

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