Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092430.D
Acq On : 24 Jan 2017 15:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/25/2017 3:49:31 PM

Quant Time: Jan 24 16:28:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154420	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	630971	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	341017	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	549112	20.00	ng		0.00
75) Chrysene-d12	14.17	240	410578	20.00	ng		0.00
86) Perylene-d12	15.63	264	309836	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	780480	78.64	ng		0.00
7) Phenol-d6	6.59	99	1002651	79.31	ng		0.00
23) Nitrobenzene-d5	7.54	82	935316	80.97	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	175881	75.68	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1457732	79.05	ng		-0.01
78) Terphenyl-d14	13.12	244	1313662	85.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	207546	39.32	ng	#	83
3) Pyridine	3.38	79	611356	40.68	ng	#	83
4) n-Nitrosodimethylamine	3.32	42	293993	39.88	ng		80
6) Aniline	6.62	93	745231	39.52	ng	#	48
8) 2-Chlorophenol	6.75	128	420130	40.30	ng		96
9) Benzaldehyde	6.51	77	347256	38.71	ng		87
10) Phenol	6.60	94	640293	41.96	ng	#	73
11) bis(2-Chloroethyl)ether	6.70	93	475148	41.62	ng		96
12) 1,3-Dichlorobenzene	6.91	146	489592	39.71	ng	#	93
13) 1,4-Dichlorobenzene	6.99	146	507368	40.89	ng		95
14) 1,2-Dichlorobenzene	7.14	146	434637	36.92	ng		97
15) Benzyl Alcohol	7.10	79	363136	38.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	889505	39.39	ng		92
17) 2-Methylphenol	7.22	107	356365	40.01	ng		97
18) Hexachloroethane	7.49	117	176180	41.21	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	345509	40.13	ng		95
20) 3+4-Methylphenols	7.38	107	458729	42.45	ng	#	89
22) Acetophenone	7.38	105	572818	38.12	ng	#	83
24) Nitrobenzene	7.56	77	506161	41.83	ng	#	86
25) Isophorone	7.80	82	880048	38.66	ng		97
26) 2-Nitrophenol	7.87	139	192489	37.96	ng	#	86
27) 2,4-Dimethylphenol	7.90	122	400678	37.99	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	519729	34.79	ng		99
29) 2,4-Dichlorophenol	8.11	162	344451	37.67	ng		89
30) 1,2,4-Trichlorobenzene	8.20	180	373717	37.82	ng		95
31) Naphthalene	8.28	128	1191706	36.90	ng		100
32) Benzoic acid	8.02	122	298229	38.83	ng		98
33) 4-Chloroaniline	8.33	127	496972	36.38	ng	#	91
34) Hexachlorobutadiene	8.41	225	211844	39.19	ng		99
35) Caprolactam	8.70	113	122747	40.20	ng	#	26
36) 4-Chloro-3-methylphenol	8.81	107	379526	38.49	ng		93
37) 2-Methylnaphthalene	8.98	142	738305	36.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	366318	42.58	ng		99
40) Hexachlorocyclopentadiene	9.14	237	186502	43.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	253188	38.42	ng		91
43) 2,4,5-Trichlorophenol	9.30	196	254808	42.25	ng	#	83
45) 1,1'-Biphenyl	9.45	154	877248	35.59	ng		96
46) 2-Chloronaphthalene	9.47	162	745694	37.04	ng		94
47) 2-Nitroaniline	9.56	65	255144	37.63	ng		86
48) Acenaphthylene	9.89	152	1220491	41.33	ng		98
49) Dimethylphthalate	9.76	163	900105	41.51	ng		99
50) 2,6-Dinitrotoluene	9.81	165	206304	46.54	ng		95
51) Acenaphthene	10.06	154	704067	38.37	ng		97
52) 3-Nitroaniline	9.98	138	258922	46.64	ng	#	77
53) 2,4-Dinitrophenol	10.08	184	70123	36.86	ng	#	1
54) Dibenzofuran	10.24	168	953270	38.26	ng		96
55) 4-Nitrophenol	10.12	139	171706	38.95	ng		88
56) 2,4-Dinitrotoluene	10.21	165	246422	41.88	ng		98
57) Fluorene	10.58	166	672434	36.40	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	189675	41.98	ng		98
59) Diethylphthalate	10.45	149	791919	38.08	ng		99
60) 4-Chlorophenyl-phenylether	10.58	204	359028	40.07	ng	#	76
61) 4-Nitroaniline	10.60	138	243560	43.87	ng		88
62) Azobenzene	10.74	77	986029	41.67	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	139412	47.21	ng		85
65) n-Nitrosodiphenylamine	10.69	169	696235	40.60	ng		100
66) 4-Bromophenyl-phenylether	11.07	248	234045	42.21	ng	#	85
67) Hexachlorobenzene	11.13	284	201195	35.90	ng	#	76
68) Atrazine	11.22	200	216473	36.88	ng		99
69) Pentachlorophenol	11.32	266	159305	44.46	ng		98
70) Phenanthrene	11.55	178	1238424	40.95	ng		99
71) Anthracene	11.60	178	1139290	38.55	ng		98
72) Carbazole	11.76	167	1152555	40.85	ng		98
73) Di-n-butylphthalate	12.09	149	1215325	37.67	ng		98
74) Fluoranthene	12.74	202	1194602	40.39	ng		97
76) Benzidine	12.86	184	704455	46.22	ng		100
77) Pyrene	12.97	202	1195637	40.19	ng		99
79) Butylbenzylphthalate	13.59	149	487229	40.43	ng		98
80) Benzo(a)anthracene	14.16	228	888142	40.25	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	343135	40.96	ng	#	95
82) Chrysene	14.19	228	940402	39.91	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	596413	39.29	ng		99
84) Di-n-octyl phthalate	14.76	149	1076520	39.07	ng		95
85) Indeno(1,2,3-cd)pyrene	17.12	276	591106	33.90	ng	#	93
87) Benzo(b)fluoranthene	15.21	252	787237	39.58	ng	#	97
88) Benzo(k)fluoranthene	15.23	252	701968m	42.44	ng		
89) Benzo(a)pyrene	15.57	252	673293	40.01	ng		97
90) Dibenzo(a,h)anthracene	17.14	278	529224	38.89	ng		98
91) Benzo(g,h,i)perylene	17.56	276	521163	37.87	ng	#	91

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

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